A Bibliography of Publications about \textit{PVM (Parallel Virtual Machine)} and \textit{MPI (Message Passing Interface)}

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  
21 October 2019  
Version 3.212

\begin{titlewordcrossreference}

$+$ [BDV03, Cha02, HDB\textsuperscript{+}13, Lee12]. 0  
[ICC02]. 1 [ICC02, LRQ01, VDL\textsuperscript{+}15].  
$\$19.95 [Ano95b]. 2  
[Bha98, BAS13, CGU12, ES11, KRKS11, KO14, WMRR17, WRMR19]. $\$24.95  
[Ano95c]. $\$27.50 [Ano96a]. 3  
[And98, BCL00, BAS13, CP15, DYN\textsuperscript{+}06, EFR\textsuperscript{+}05, GCN\textsuperscript{+}13, HF14a, HF14b, JR10, KO14, KD13, KHS01, KLR16, MSZG17, NSM12, SSS99, SC19, SH14, TPD15, WR01, YSL\textsuperscript{+}12]. $\$35 [Ano00a, Ano00b]. $\$35.00  
[Ano99a, Ano99c, Ano99d]. 3D  
[KA13]. $\$60 [Ano00a, Ano00b]. 3 [PBC\textsuperscript{+}01].  
$A$ [ARYT17]. $\alpha$ [JMdVG\textsuperscript{+}17]. $Ax = b$  
[BG95]. $D$ [UZC\textsuperscript{+}12]. $H^2/H^\infty$ [GWC95]. $k$  
[She95, TK16]. $\leftrightarrow$ [GRW\textsuperscript{+}19]. $M^3$ [JSH\textsuperscript{+}05].  
\textbf{PVM\textsuperscript{+}} [Wil94]. $N$  
[HM05, Per99, Rol08b, SP99, SRK\textsuperscript{+}12]. $P_N$  
[OGM\textsuperscript{+}19]. $P_{N-2}$ [OGM\textsuperscript{+}19]. SU(3) [BW12]. $\tau$ [RGDM15, RGDM16]. XY [KO14].  

\textbf{-based} [R{\textsc{t}}\textsuperscript{+}19]. \textbf{-body}  
[HM05, Per99, SP99, SRK\textsuperscript{+}12]. \textbf{-D}  
[DYN\textsuperscript{+}06, SSS99, SH14, Bha98, ES11, KHS01, NSM12]. \textbf{-Dimensional} [LRQ01].  
\textbf{-Lop} [RGDM15, RGDM16]. \textbf{-Means}  
[TK16]. \textbf{-Queens} [Rol08b]. \textbf{-set} [She95].  
\textbf{-stable} [JMdVG\textsuperscript{+}17].

\end{titlewordcrossreference}
/Fortran [TBG+02], /many [KSG13].
/OpenMP [VDL+15].

1 [HMKV94, SOHL+98]. 10-Gigabit [HeF05]. 100 [Str94]. 100k [SC19]. 10th [DLO03, IEE96e]. ’11 [ACM11]. 11th [IEE97b, KKD04]. ’12 [Hol12].


2 [AKL99, BCAD06, BHS+02, BMPZ94a, CwCW+11, CD96, DPS08, FST98a, FST98b, GFD03, GGHL+96, GT01, GLL+98, GLT99, GLT00b, GLT00a, HGMW12, Jon96, LC97b, LSK04, MS02a, MK04, PS00a, SS99, SSL97, TRH00, VAT95, bT01a]. 2-D [BMPZ94a]. 2.0 [BO01, LPD+11, LW97, Mat00b, NSM12]. 2.2 [HRR+11]. 2.X [KS96]. 2000 [ACM00, CLBS17, LI01, LSK04, N05, ZStH01]. 2001 [ACM01, Old02]. 2003 [ACM03, AS14, D06, OL05]. 2004 [ACM04]. 2005 [ACM05, DKD07]. 2006 [ACM06a, MTW07]. 2007 [SM07]. 2008 [SMCH15]. 2010 [CGB+10]. 2011 [LCK11].


26th [Ano93a, SL94a]. 27th [Ano94h]. 28th [SL96]. 2D [ZZZ+15]. 2D-DWT [ZZZ+15].

2nd [FK95, IEE93c, Nag05, YM97].

3 [Bri95, Che10, FCS+19, GBH14, GBH18, GPL+96, GLT12, Gro12, HDT+15]. 3-D [BD95]. 3.0 [Ano97, Bra97, BRM03, DBB+16, KaM10, OP10]. 3.06 [Ano03]. 3.1 [WCC12]. 3.4 [Gei97, GKS97]. 3.X [KS96]. 3000 [HW02]. 33rd [ACM95a]. 37th [ACM06a]. 3D [GAP97, Gra97, LO96].

3D-Fall [Gr07]. 3rd [ACM96b, CGZ+08, Ano95a, IEE96a].

4 [Ano03, HRZ97, KSH01, NU05, SD13, SBT04]. 4.0 [DSGS17, JCP15, dOSMM+16]. 4.5 [CBY98]. 43 [UZC+12]. 45-degree [CT13]. 48th [IEE94e]. 4th [BDW97, EdS08, FF95, USE00]. 5 [TRH00]. 512 [RBB97c]. 5th [AD98, Cha05, IEE94a, MdSC09].

600 [LSK04]. 6000 [AL93, NMW93]. 64 [dCZG06]. 64-bit [Wil93]. 6th [ACDR94, DLM99, GT94, PW95, SHM+10, Sin93]. 7th [ACM95b, CGKM11, DPK00, GN95, PGB+95]. 857 [SMSGW06]. 897 [HWS90]. 8th [CMMR12, CD01].

90 [Ben95, SM03]. 9076 [Bri95]. ’91 [BG91, EJL92, IEE91]. ’92 [Sie92a, Sie92b, VW92]. ’93 [Ano93g, GGK+93, GHH+93, IEE93a, IEE93c]. 93SC038 [FS93]. 93SC041 [Gle93]. ’94 [BS94, DW94, GT94, IEE94b, IEE94h, PSB+94, SPE95, WPH94, dGJM94]. 947 [LTDD14]. ’95 [ACM95b, AH95, BH95, CLM+95, CJNW95].

2
Accelerator-Aware [APJ + 16].

9th ACM [ACM96b, ACM96c, BDLS96, BFMR96, CH96, IEE96, EIE96e, IEE96d, LHHM96, Li96, Sil96, Was96, YH96]. '97 [ACM97a].

978 [Che10, SD13]. 978-0-12-15933-4 [SD13]. 978-0-13-138768-3 [Che10]. 981 [Riz17]. 997 [Spe19]. 9th IEE95f, Kra02, YH96.

Aachen [Ano93a, GHH + 93]. Abortable [CAWL17]. Abortable-locking [CAWL17].

Abstract [MKW11, Wei94, BG94b, HTA08].

Abstraction [SW12, YWTC15]. Abstracts [IS16]. ACC [APJ + 16]. accelerate [SDM10, TBB12, VGP + 19]. Accelerated [AB13, EADT19, KA13, SCSL12, VZT + 19, CGK + 16, CP15, DCD + 14, HTJ + 16, KM10, PGdCI + 18, PTMF18, Sai01, iSYS12, SKM15, ZWL + 17, ARY17]. Accelerating [BBC + 19, Dab19, GM18, HF14a, HF14b, HKOO11, JK10, JLS + 14, JNL + 15, LSSZ15, LSVMW08, LSMW11, LAFAl5, FSV19, SCJH19, TMP16, TS12b, UZC + 12, YEG + 13, vdLJR11, HWX + 13]. Acceleration [CBGS + 15, RVKP19, TK16, CBYG18, CLBS17, HE13, MGSA + 15, OGM + 19, PRS16, RVKP18, SWS + 12]. Accelerator [APJ + 16, CLA + 19, SSAS12, SXMX + 18, YCA18, KL15, WHM019].

Accelerator-Aware [APJ + 16].

Accelerator-bound [CLA + 19].

Accelerators [AKL16, AC17, NTR16, SHM + 10, TCM18, KHBS19, MSZG17, UGT09, vdP17].

Access [Bri10, HDT + 15, IFA + 16, JJPL17, LB08, SGH12, WTR03, CLA + 19, CG99b, GBH14, GBH18, HGMW12, LOHA01, MN91, SFL + 94]. accesses [TGL02]. accessible [BHW + 12].

Accident [Smr93a, SBR95].

According [LGM00]. ACCT [FVD00].

Accumulated [KS15b]. Accumulative [IH04].

[HDO0, MLA + 14, RSPM98]. Accurately [BGdS09]. achievable [HMS + 19].

Achieving [CBPP02, Gro01a, KLRL11, RH01].

ACM [ACM90, ACM95a, ACM95b, ACM97b, ACM98b, ACM94, ACM05, IEE02].

ACM/IEEE [ACM97b, ACM98b, ACM05].

ACO [Tsu12]. ACPC [Bos96, Vol93].

Across [NE98, AL96, CZ95b].

ACSCI [Van95]. action [Hol95]. Active [CSAGR98, Pla02, SKH96]. Activities [MSS97, CMV + 94]. activity [Vet02].

Ad [IBC + 10, ITT02]. Ad-Hoc [IBC + 10]. Ada [Tou96, KP96, Tou96]. Adam [Ano95b, NMC95].

Adaptable [SPH + 18, BCM + 16].

Adaptation [WST95].

Adapted [Uhl95a].

Adapting [VFD02].

Adaptive [Ano94b, BCMR00, BDdSH01, Bir94, KCOq + 94, FSC + 11, HWX + 13, KK98, KT02, LFL11, MKC + 12, MBES94, MR17, MAGR01, OKW95, Ran05, RA09, SHM + 12, SGZ00, SS09, STY99, Sta95a, TM17, ZSG12, BDP + 10, CLSP07, DLR94, EZBA16, EASS95, IDS16, LCL + 12, SLGZ99, TCBV10, Was95a, Wk94, FSC + 11].

Adaptive-CoMPI [FSC + 11].

Adas [HHC + 18].

Adding [CB00, GRV01, PSM + 14].

Address [SS01, DO96]. addresses [CGL + 93].

ADDT [SR96].

ADI [Sch01].

adjacent [Kan12].

adjoint [RMNM + 12].

Adjusting [GSHL02].

Adjustment [DSL05].

ADOL [BGK08].

ADOL-C [BGK08].

Adoption [CMV + 94].

Adsmith [LKL96].

Advanced [Ano98, Ano00a, D + 95, Gc96, Ge97, GLT99, GLT00b, GLT00a, GLT12, KG93, SSAS12, TC94, Ben95, DMK19].

Advances [Bha93, BBH + 08, CD07, CDND11, KGRD10, KKV03, KKD04, KKD05, LKD08, LK01, MTWD06, RWD09, TBS12, AD08, BC14, BDW97, CD01, DKD05, DLM99, DKP00, DL003, HPS + 12, Kra02, HPS + 13, IEE97a].

Advection [AKK + 94, CT94a, TC94, CT94b].
Advection-Chemistry [AKK+94].
Advisor [GVF+18]. Aerospace [MAB05].
Affine [DBM16]. Affinity
[ETWAm12, AGG+95, NAAL01, vdP17],
Affordable [Rol94]. again [Har94]. against
[GHID12]. Age
[MdcS09, Ano94f, GJLT11, HK95]. AGBE
[SAS01]. Agent
[Mat01b, MCB05, ZWZ+95]. agent-based
[MCB05]. agents [KBA02]. Aging
[L RBG15]. Aging-Aware [LRBG15].
AIMS [Yan94]. Air
[AKK+94, BZ97, MPD04, MSML10, BTC+17, SH94, Syd94],
airspace [TCP15]. Aix
[GA96, Ano01a]. Aix-les-Bains [GA96].
Al
[Ano95b, NMC95]. Alamos [Old02].
Albuquerque [IEE91, IEE95d]. Alchemist
[GRW+19]. ALDY [GS96]. ALE [HAA+11].
Algebra
[BDT08, CDD+13, Coo95b, DGH+19, IS16,
MGMH97, Neu94, van97, BKvH+14, Cal94,
Cco95a, LRLG19, PMZM16, dCH93].
Algebraic [CGPR98, Lev95]. Algorithm
[ACMR14, BST+13, BP99, BT01b, DYN+06,
FJBB+00, HA10, HD02b, ITT02, MW98,
PKd95, PB12, RDMB99, Rôl91, SAS01,
Sch96a, SLSMW10, SWH15, Sta95b, TK16,
WHdB05, ART17, AAAA16, ARL+94,
AD95, BBC+19, BB95a, BAV08, BY12,
BCM+16, CUC95, CT13, CSW99, GM94,
GCC+13, GGL+08, GKK09, GP95, HWS09,
IM95, JR13, KDS012, KY10, KWEF18,
Kan12, KBP16, KN17, KO14, Kon15,
KRC17, LYIP19, LYZ13, MM92, MLVS16,
MK00, NB96, NAJ99, OKW95, OGM+19,
OMK09, PGFB+07, PSLT99, Ram07,
RJC95, RAGJ95, Sch96b, SOA11, Sur95a,
TNIB17, TGGKL19, Was95a, YULMTS+17,
ZSK15, ZWL+17, dh94, van93, HWS09,
LTDD14, Riz17, Spe19, SWSW06].
Algorithm-based [PKd95].
Algorithm-Dependant [BP99].
algorithmic [HHSM19, RJDH14].
Algorithms [ACM95b, ATC94, ADRCT98,
ASA97, CCSM97, DALD18, DAK98, DK06,
FB94, GARM00, GK10, HO14, HHK94,
IEE96d, KTB+19, KK02a, LHHHM96, Li96,
LAD16, MTSS94, MGMH97, MB815, Nar95,
Pet97, PBK00, SG15, VRS00, AK99, AL92,
BJ96, BMS+17, BID95, DDLM95, FR95,
FP92, GWC95, HL17, HPLT99, HKOO11,
HS95b, Jou94, JRM+94, KL95, KRG13,
LFL11, LNW+12, LRLG19, MTK16,
MJG+12, NP12, Ols95, PP16, Pan95b,
PBK99, PD11, PCS94, RHG+96, SPE95,
Sur95b, TSZC94, WCVR96, YLZ13]. alias
[Soa11]. alias-free [SOA11]. aligned
[AGIS94]. Aligners [SMM+16]. Alignment
[OSMM+16, AMHC11]. all-port
[RJMC93]. All-to-All
[LZH17, LZH18, Trâ02b]. Allgather
[KTB+19]. Allgatherv [KTAB+19].
Allocation
[AGS97, BS01, DGG+12, RFRH96]. alloy
[TG94]. ALM [PZ12]. Altera
[RGB+18, TK16]. Alternative
[EM94, SWHP05, Trâ12a, EKTB99].
ALWAN [HB96a, HB96b, MSB97].
Amazon [ZLZ+11]. AMBER [SL95].
AMBER4 [VM95]. American [Ara95].
AMIP [Gat95]. Among [CB16]. AMPI
[ZHk06]. AMPIC [CCHW03]. amplified
[EZBA16]. AMR [LHR07]. AN2 [HBT95].
analogue [WW+96]. analyses [ANS95].
Analysis
[BHW+17, BR02, BGG+02, BBC+00, BDL98,
CGLD01, CLA+19, EML00, FK01, FJK+17,
Hol12, JF95, KL94, KNT01, KRG13, LCK11,
MK17, MCLD01, NAW+96, NMS+14, Ost94,
PZ12, PGAB+05, SPL+12, SBR95, Sn01,
TFGM02, Whi04, WM01, BB93, BBH14,
BBH+15, Che99, DSGS17, EPP+17, GR95,
FGB+14, GSM+00, GKS+11, GE95, GE96,
GT07, JB96, JGL05, LC07, LLG12,
LRLG19, LL16, LBH12, MMB+94, MMW96,
MLA+14, MJPB16, Pat93, PHJM11, PSV19,
PGAB+07, DSCP13, iSYS12, SS94, SDJ17,
SPH95, Sh94, Si696, SWL+01, SSG95,
analytic [THDS19].

analytical [BHW+12, HK09, JS13, KN17].

Analyzer [JJPL17, KKM15]. Analyzers [Ano01a]. Analyzing [BRU05, DF17, FM09, HG12, HeF05, PFG97, RPS19]. anasslich [Ano94c]. Anatomy [KWEF18].


Annealing [WHMO19, FH97]. Annecy [VW92]. Anniversary [Ano92, Ano93f].

annotated [GGH99]. Annotation [MGA+17]. Announcement [WRMR19].

Applications [Ano94f, Ano03, Ara95, Arn95, ASB18, AGMJ06, BKH+13, BR04, BDV03, BAG17, BFM96, BFMT96a, CGK+16, CGBS+15, CDMS15, CLSP07, CMM+06, D298a, DSZ94, DPF19, D+95, DCH02, EKTB99, EGHH99, EDSV09, FE17, FNSW99, FCS+12, Fin94, Fin95, FF95, GBR15, GS02, GHD12, GJMM18, GS96, GSM+00, GHH+93, HZ99, HAJK01, JC17, JPTE94, LMG17, LCM17, LBB+19, LZHY19, LS08, MA09, MKBM12, MLC04, MSMC15, MS96b, NSBR07, NCB+12, NFG+10, PK05, PT+16, Rab99, RS95, RGPG+18, SjlM14, SPE95, SBG+12, SDJ17, SGH12, SG05, SIC+19, SLG95, SB01, SD16, SRS+19, TMC09, TBB12, TPLY18, Vet02, Wis96b, Wol92, WT13, WMP14, XLW+09, YZ14, ZLZ+11, BP93, TDBEE11, ATC94]. Applied [FGRD01,}

TMC09, TW12, TFZZ12, Uhl95a, Uhl95c, VM94, YCL14]. analytic [THDS19].

analytical [BHW+12, HK09, JS13, KN17].


'Annai [CEF+95]. Annapolis [IEE96c]. Annealing [WHMO19, FH97]. Annecy [VW92]. Anniversary [Ano92, Ano93f].

annotated [GGH99]. Annotation [MGA+17]. Announcement [WRMR19].

Applications [Ano94f, Ano03, Ara95, Arn95, ASB18, AGMJ06, BKH+13, BR04, BDV03, BAG17, BFM96, BFMT96a, CGK+16, CGBS+15, CDMS15, CLSP07, CMM+06, D298a, DSZ94, DPF19, D+95, DCH02, EKTB99, EGHH99, EDSV09, FE17, FNSW99, FCS+12, Fin94, Fin95, FF95, GBR15, GS02, GHD12, GJMM18, GS96, GSM+00, GHH+93, HZ99, HAJK01, JC17, JPTE94, LMG17, LCM17, LBB+19, LZHY19, LS08, MA09, MKBM12, MLC04, MSMC15, MS96b, NSBR07, NCB+12, NFG+10, PK05, PT+16, Rab99, RS95, RGPG+18, SjlM14, SPE95, SBG+12, SDJ17, SGH12, SG05, SIC+19, SLG95, SB01, SD16, SRS+19, TMC09, TBB12, TPLY18, Vet02, Wis96b, Wol92, WT13, WMP14, XLW+09, YZ14, ZLZ+11, BP93, TDBEE11, ATC94]. Applied [FGRD01,
HC06, KaM10, GFIS+18, HMKV94, MM92, NF94, PGK+10, DMW96, Was96). Applying [GSM+00]. Approach [AZG17, BHM94, BJ93, BHNW01, CRGM14, CD98, DLM+17, FFP03, GCL12, HD00, KBA02, KK02a, KmWH10, LGM00, Mar06, PPR01, Pet00a, Pet00b, RGD13, Ros13, TJPFI2, BK11, Bis04, BTC+17, CLYC16, CDF99, CRGM16, Din96, EO15, FMS15, HDB+13, JS13, KLS+19, NL92, NEM17, OHG19, OW92, SVC+11, SEC15, TWF09, VGP+19, WO09]. Approaches [JCH+08, Ney00, SWHP05, SM02, AKB+19, BFLL99, CB11, PS00b]. Approximate [Huc96, MM02, GGC07, GG09, MM03]. Approximation [SLJ+14, SJLM14]. April [ANS95, AH95, Ano93h, Ano94h, CH96, DR94, GH94, Ham95a, IEE92, IEE93b, IEE95f, IEE96e, IEE97b, IEE05, LCHS96, MC94, Nar95, Sie94, SW91, Ten95]. APS [GT94]. AQsort [LTS16]. AQUAgpusph [CP15]. arbitrary [HP11]. ARCH [Ada97, Ada98]. architectural [GCC+07].

Architecture

[BG94a, CGC+11, CLOL18, EBK01, EM02, FD97, Fuj08, HRZ97, IEE97c, ITK00, LSLZ02, PT01, PS01b, SMM+16, SC04, SYL19, WKPI1, YTH+12, BCR99, BG94c, CSPM+96, CS96, CBGL19, DMP96, FCH+95, HK90, MMDA19, MRH+96, PWD+12, SWYC94, SSGF00, Sgu03, SP11, WCC+07, YAJG+15, YEG+13, ZWZ+95]. architecture-independent [DIN96].

Architectures [ACM95b, BTD08, BFG+10, CHP01, HD02a, HK94, IEE96d, KDT+12, LHHM96, L96, LZH17, LAD16, MS02h, MTSS94, MSCP00, NO02b, Nar95, PZ12, SXMX+18, TSCaM12, YKW+18, ZTD19, BDP+10, BN00, BKML95, CLM+95, CDZ+98, DM93, DZZY94, GDC15, GP95, HHS18, Hos12, LCL+12, LDJK13, MLC04, NO02a, PY95, RFH+95, RMMN+12, SPL99, TDG13, TSZC94, Uhl95a, VDL+15, WST95, dIAMC11]. Area [CDHL95, Fis01, BHW+12, FTG96, FGG+98, KHB+99, Qu95]. area-based [Qu95]. arising [ARvW03]. Aristotle [FSV14]. Arithmetic [Ane98, JPT14, Sur95a].

Arithmetic [HD00]. Arizona [IEE95b, JB96]. ARM [AFGR18, MGL+17]. ARM-based [AFGR18]. Array [DDPR97, HD02b, LTS16, WGL17, CCM12, DK13, HSE+17, JKN+13, Ot93, TOC18, Wal02]. arrays [HCL05, BRS94]. Arrival [FPY08, MLVS16]. art [LF93b]. Artificial [BPC94]. ARTUR [FBLL99]. ARVO [BHW+12]. ARVO-CL [BHW+12]. ary [Pan95a]. Ascona [DR94].

Asches [Thr99]. ASL [FGRT00]. ASME [LF+93a]. aspects [CG99a]. Assembly [PGF18, TP15]. Assessing [LMG17, dLR04, MABG96, TSCaM12, CMV+94]. Assessment [Mat01b, TAH+01, Boi97, LH98]. Assignments [Cza13, CK99]. assist [Kik93].


Atlanta [AGH+95, Ara95, USE00, UCW95]. ATM [GFV99, HBT95, Jon96, LHD+94, LHD+95]. Atmosphere [BS93]. Atmospheric [HK93, KBH91, RSBT95]. atom [MGG05].

Atomic [LRT07, LAFA15, SYF96, DS13, Hin11, SY95, XF95]. atoms [BDW16].

atoms [JLS+14]. Attacks [PV97, GHD12]. attempt [GM18]. Attraction [GB96].

audio [BJ13]. Augmented [GFJT19].

August [ATC94, Agr95a, BFMR96, DMW96, GT94, HAM95b, IEE94g, IEE95k, IEE95i, IEE96f, LF+93a, Ot94, PSSB+94, PBG+95, Ree96, VV95, Was96]. Aurora [LdB19]. Austin [IEE94b]. Australasian
Australia [GN95, Nar95, ACDR94, Bil95], Australian [ACDR94, GN95]. Austria [Bos96, BH95, Kra02, TBD12, Vol93]. Austrian [Fer92, FK95]. Austrian-Hungarian [Fer92, FK95]. Auto [CC17, DWM12,DBG11,PSB+19, RDLQ12, WG17, FE17, SH14, TWFO09]. Auto-Generation [CC17, DWM12]. Auto-parallelization [TWFO09]. Auto-scoping [RDLQ12]. Auto-tuned [PSB+19]. Auto-Link [GMPD98]. AutoMap [GMPD98]. Automata [Car07, BBK+94, SC19]. Automated [BMPS03, MYY95, RKKP18, LLG12, RFRH96, Yan94]. Automatic [BVM12, BBH+08, BBK+06, CBL10, Cza03, DW02, EML98, EM00, FAFD15, FM11, GKF13, HZ99, JFY00, JIY99, JJPL17, KHO12, MB18, MGA+17, NCB+17, OWSA95, RA99, RGD13, SZ11, SR96, SSB+17, TJPF12, WC15, WM01, APBeF16, AMuHK15, AGG+95, BR04, BRH08, CHK15, CdGM96, CTP+95, HZ06, LEM09, LF93b, WMP14, ZHK06, FVD00]. Automatically [VZT+19, WBSC17]. automotive [Ano93a, Ano93b]. Autotuning [BAG17]. Auxiliary [STMK97]. Available [Bak98, BF98]. Avoidance [CRGM14]. avoiding [GBK+18]. AVTP [FHC+95]. award [Str94]. Awards [Str94]. Aware [APJ+16, BHP+03, Ben18, EGR15, GFIS+18, HVA+16, LRBG15, MJB15, Pan14, ZLP17, BLVB18, CLA+19, CGH+14, FA18, GHZ12, HJYC10, HG12, JK+13, KGB16, MBBD13, MSMC15, SHM+12, SKP+12, WRSY16]. awareness [HK99, VGS14]. AXAF [NH95]. AXC [CBIGL19]. B [Ano01a]. Back [BIC+10]. Backend [IOK00]. backtracking [PGdCJ+18]. Backup [Gua16]. Bains [GA96]. Balance [HE02]. balanced [EZBA16]. Balancing [BkdSH01, DBA97, DII02, DK06, FSG19a, GCB12, MM02, PT01, Pus95, ST97, Wal01a, Bji94, BS05, DZ96, DL09, DvddLVS94, DR95, FMBM96, FH97, Hum95, JH97, MM03, NP94, SGS95, SY95]. Balatonfured [DKP00]. balls [BBH+15]. Baltimore [IEE02, SPH95]. Bamboo [NCB+12]. banded [DG95]. Bandwidth [NE01, RK01]. Bangalore [Kum94, PBPT95]. Barbara [ACM95b, AH95, IEE95f]. Barcelona [DLM99]. BARRACUDA [EPF+17]. Barrier [CLD+15, SDB+16, YLZ13]. Based [Ada97, AHD12, AAB+17, AP96, BHW+17, BDG+91b, BoFBW00, CAM12, CGC+02, CLOL18, CLP+99, CDPM03, DW02, DLLZ19, DBK+09, FSC+11, FC05, For95, FSL98, GSxx, GFJT19, HF14a, HF14b, HM01, Hsu00, KLR16, LSL02, LZH18, KL11, LW04, LAFA15, MDM17, MGL+17, MMH98, N5L16, NE01, NHT02, NPS12, PPT06a, PCT07, PSSS01, RMDM99, SPL+12, SM03, SM93a, ST02b, ST97, SJK+17a, SJK+17b, THS+15, TD98, WTTTH17, WC09, WZH16, Wis96a, WM01, WJB14, YG96, YTH+12, ZWJK05, AKB+19, Aha98, AASB08, AAAA16, AVA+16, Ano03, AFG18, BLP13, BDG+92a, BLVB18, BOC+03, Br95, BFM196a, Cww+11, CC10, CPM+18, CKnWH16, CRM14, CXX+12, DXX96, FE17, FFFB99, FJZ+14, FNSW98, FSTG99, FLPG18, FFFC99, FWS+17, G591a, G592, GKS+11, Gra97, Gra97, GFPG12, HZ94, HWX+13, IM95, ITT99]. based [JL18, JKM+17, KL15, KPL+12, KPNM16, LV12, LRW01, LKL96, LNW+12, LGG16, LMM+15, MYB16, MMO+16, MKP+96, MCB05, MT96, MS99a, MS99b, MFPP03, Neu94, NHT06, OLQ+16, OP98, PARB14, PES99, PPT96b, PK05, PS19, PAdS+17, DG+10, FSH11, PKD95, PSK+10].
PSLT99, Qu95, Rag96, Röt19, STP+19, SJLM14, SS09, SG05, SSS99, SZ11, SVC+11, SXMX+18, SLS96, SKB+14, Sto98, Stp18, Str96, SLN+12, TBB12, TGKL19, TY14, TBR96, TWFO09, TMPJ01, WHMO19, WO09, WTOF14, WGG+19, Wis96b, WCS99, YC98, YL09, YWC11, YSL+12, ZAFAM16, ZLP17, ZHK06, ZZG+14, ZWW95, vHKS94, BFM196b, FH97, KSJ95, WAS95b, FO94, GK97, KSJ96, PY95, Sut96, TSZC94, ZPL896. Basel [Ano94i]. Basel [Ano94i].

Basic [PGC02, BKvH+14, BR94].

BaSierte [Gra97].

Basis [OMK09, RB01].

Batch [VLMPS+18]. Bath [BP93].

Bayesian [CB00].

Bayesian [CB00].

Beach [IEE93b].

Beam [OIH10, RCFS96].

Bearings [NF94].

Beguelin [Ano95b, NMC95].

Behavior [BFM97, DeP03, Ros13, LLG12, PPF89, YMYI11].

Behavior [BFM97, DeP03, Ros13, LLG12, PPF89, YMYI11].

Behar [OIH10, RCFS96].

Bench [BP93].

Bench [BP93].

Benchmarks [CRE99, KAC02, MM07, NA01, RK01, TSB02, TSB03, WAS95b, ZsnH01, CDD+96, MMH99, Ste94, WT11, CEO00, WT12].

Benchmarking [GC05, HCA16, LCY96, MMU99, MCS00, WRA02, RST02].

Benchmarking [GC05, HCA16, LCY96, MMU99, MCS00, WRA02, RST02].

Benefits [LB16, PSM+14, SRIP17].

Benutzerprofile [WI94].

Benutzertreffen [Ano94c].

Beowulf [CMM03, Ste00, UP01].

Beowulf-Class [Ste00].

Berlin [PW95].

Best [GT19].

Betriebssystemkern [Sei99].

Better [Str94].

Between [AAB+17, BS07, ASS+17, AKE00, BID95, GFV99, JAT97, LDCZ97, MSP93].

Beverly [IEE93f].

Beyond [Gei93a, GKPS97, Gei98, Gro12, Ohu14, Gei93b, LSG12, Sch93, SC19, SHM+10].

Biconjugate [GFPG12].

Bidirectional [HE15].

Big [CLOL18, GTS+15, LK14, VPS17, ASS+17, Str94].

Biharmonic [RB01].

Bill [Ano99a, Ano99d].

Billions [MRB17].

Binary [CG93, EPP+17, SGS95, TCBV10].

Binary-level [EPP+17].

Binary-splitting [TCBV10].

Binding [CLL03, Coo95b, MG97, Coo95a].

Bioinformatics [PB12].

Biological [CNM11, VBB18, BA06].

Biology [SYL19].

Biomolecular [BCGL97, PZKK02].

BIP [CDP99, Tou00].

BIP/Myrinet [CDP99].

Bit [HLO+16, Wi93].

Bit-parallel [HLO+16].

Bitonic [PShL11].

Black [FSXZ14, Kha13, van93].

BLACS [DSW96, DS96a, Wal95].

Blame [DGS17].

BLAS [Add01, ARvW03, FMFM15].

BLASTP [LSMW11].

Blaze [PWPD19].

Blaze-Tasks [PWPD19].

Block [DDPR97, SMM+16, WO95, ZBB, ADDR95, DR18, GP95, HKMCS94, HC08, LYP19, WO96].

Block-Cyclic [DDPR97, WO95, HKMCS94, HC08, WO96].

Block-triangular [DR18].

Blocking [FH98, BCH+08, HKT+12, Nak03, HTA08, STP+19, TGKL19].

Blood [Pat93].

Blue [KMH+14, AAC+05, BGH+05, EFR+05, LM13, MV17, MSW+05].

Blocked [Wil94].

BMMC [CC99].

Bodies [AGIS94, LHLK10].

Body [RB01, RTRG+07, IHM05, NS16, Per99, SP99, SRK+12, ADB94].

BOF [Mat00a].

Boltzmann [OTK15, CGK+16, MS95, Pri14, SJK+17a, SJK+17b].

Bond [THDS19].

Bond-order [THDS19].

Bonn [MTWD06].

Book [Ano95b, Ano95c, Ano96a, Ano99a, Ano99b, Ano99d, Ano00a, Ano00b, Che10, Mar06, Nag05].

C [Gal97, Pri14, SM12, SSL97, TBG+02, VDL+15, Vre04, BGK08, BB00, CNC10, CCHW03, DARG13, Don06, FLMR17, FHK01, GTH96, GSI97, Gör01, KK02a, KPO00, KLM+19, LYSS+16, MHSK16, Qui03, Röt19, SSB+17, SC95, TNIB17, UZC+12, YULMTS+17, YSVM+16, ZT17]. C# [WLR05]. C-to-CUDA [UZC+12]. C/C [SM12, KPO00]. C11 [BDW16]. C2CU [TNIB17]. CA [ACM95b, Ano89, BBG+95]. Cache [LZH17, LZH18, MC18, MM07, NIO+02, NIO+03, SS01, SVC+11]. Cache-Coherent [SS01]. cache-friendly [SVC+11]. Cache-Oblivious [LZH17, LZH18]. Caches [LB16]. Caching [KLCW07, D096, WMRR17, WRMR19]. CAE [KDL+95a, KDL+95b]. CAF [GBR15, Mar05]. Caffe [AHP17]. calculating [EZBA16, KD12]. Calculation [GDM18, QRM96, GSKM17, KN17, MM95, NS16, SR11]. Calculations [RB01, Sta95b, ART17, Hol95, WH96]. calculus [PQ07]. Calif [IEE93f]. California [ACM97b, Gat95, IEE93a, NM95, USE94, AH95, GE95, GE96, Has95, IEE93b, IEE93f, IEE94g, IEE95c, IEE95f, LF+93a]. Call [DW02, MCP17]. Call-Graph [DW02]. Calls [FHKO1, ALGv96]. CALPHAD [TKP15]. Cambridge [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b]. CAMeL [KDL+95a, KDL+95b]. CAMeL/PVM [KDL+95a, KDL+95b]. CAMP [CLM+95]. Can [Gro02a, SBG+12]. Canada [BG91, GKG+93, IEE95a, IEE95i, VOS03, IEE95e, Levy95]. Cancellation [TBS12]. cancer [Str94]. Cancun [Sie94]. CAP [GTH96, MGMH97]. CAP-Specified [GMMH97]. Capabilities [Gei97, CG99a]. capability [BBH+13b]. capable [KYL03]. capacity [RCG95]. Capture [DW02]. Capturing [FM09]. card [SR11]. Cardiac [ORA12]. cards [KY10, KME09]. Carlo [ADRCT98, AK99, DAK98, HJBB14, NSLV16, RR00, RP95, SK00, SKM15, WH96, ZZ04]. Carnegie [IEE94d]. Carolina
clock [NB96]. clocks [TPLY18]. CLOMP
[BGaS09]. clone [ZWL+17]. Closer
[HCZ16]. Closure [CPGR98, KH15, PPR01].
Cloud [SIS17, URKG12, ZLZ+11, ZLP17,
GFIS+18, GHZ12, GWVP+14]. Cluster
[AUR01, BKGS02, BL95, BM97, CRE99,
CMM03, HD02a, ES11, GGCG99, Gei94,
Gei00, GSN+01, GT01, GC05, HD02b,
ITKT00, IDD94, KKH03, KS96, KS01,
KHS01, LR01, MTF95, MM01, NO02b,
OF00, PFG97, Rb01, RsT06, RLL01, SCR92,
SHHI01, SHT01, ST02a, TOTH99, Trä02b,
YCA18, bT01a, AL93, BPL93, BALU95,
BTR+17, BID95, CCF+94, Cou93, ED94,
GK97, GMU95, Heb93, KEGM10, KO14,
Kom15, LC07, Liu95, MW93, MM03, NO02a,
PDY14, RJDH14, SS94, SR95, ST02b,
SLS96, SY95, SNN94, Tho94, THM+94,
Ts95, UH96, YWW95, ZLZ+11, MS04].
cluster-based [SLS96]. Cluster-enabled
[SHHI01]. clustered [KHB+99]. Clustering
[BBH12, HA10, RJC95, GGL+08, YCL14].
Clustern [MS04]. Clusters
[AH00, AHHP17, BDH+95, BDH+97,
BVW+12, CLOL18, CSC96, DK06, GDM18,
GMdMBD+07, GSY+13, HPP02, HSMW94,
HVA+16, Hus00, JNL+15, LC97a, LH95,
LVP04, LHCW05, MS98, MPFP03, Pan14,
PKB01, PT01, PS00a, Push05, Reo10,
dSMM+16, SF98, Sl99, Ste00, Tou00,
UPO1, WLN03, WT12, YWCF15, YKI+96,
AB95, ALR94, ADB94, ABG+96, ADMV05,
BWT96, BDV03, Bru95, CRE10, EKT99,
GBF95, HCL05, Hus99, JKKH08, Jou96,
JR10, JRM+94, KYO13, KYO15, KSL+12,
KJEM12, LBD+96, Lee12, LL13, LL95,
LKYS04, NMW93, NN95, PS07, PRS+14,
PM95, PR94c, PRS16, PL06, RCFS96,
RGMFL16, Slo05, SC96a, SL95, TFZZ12,
WLN06, WLYC12, YST08, YL09, YHL11,
YWC11, ZHS09, dCH93]. CM [SBG+02],
CMMD [Har94, Har95]. CMPI
[GHZ12]. CMS [FMS15]. CNF [IKM+01, IKN+02].
CO [ACM01, AHHP17, GDM18, HJ98,
PSB+19, TOC18, Wal02]. co-array
[TOC18, Wal02]. Co-designing [AHHP17].
co-execution [PSB+19]. Co-Expression
[GDM18]. Co-processed [HJ98]. Coarray
[GBR15, YBMCB14]. coarrays
[SMCH15, SC19]. Coarse
[ADRCT98, IOK00, KHO1, LGM00,
NIO+02, NIO+03, Heb93, RJ95].
Coarse-Grain [IOK00]. coarse-grained
[Heb93, RJ95]. coarsening [PSL19].
Coast [IS16]. Coastal [GAM+02].
CoCheck [MS96b, Ste96]. Code
[AH01, And98, BCGL97, CB00, CP97,
CCK12, CCBPGA15, DDL00, DZDR95,
HE02, KaM10, KAMAMA17, KHS01, LD01,
MS02b, MM07, PBC+01, RGD13, SM03,
SZBS95a, Stat95b, TGBS05, AMS94, ADB94,
AFST95, BCAD06, BADC07, BW12, Bha98,
Bri95, Cou93, DLR94, EZBA16, FMFM15,
GSMK17, He93, IJM+05, JL18, KPL+12,
KH10, MGS+15, MRH+96, MWO95,
PK+10, PSK+10, RP95, RVK018,
SZBS95b, SK00, SFLD15, SMSW06, TBD96,
VLVdG08, VDL+15, Wor96, YL09].
Codebooks [PMM95]. Codes
[FAFD15, JFY00, SWH15, HWS09,
HASnP00, KBG+09, LRW01, Mal01,
OLG+16, WB96]. Coding
[Uhl94, Uhl95b, SCC96]. Coefficients
[MW98, AYRT17]. cognitive [PWD+12],
Coherence [MM07]. Coherent [SS01].
Collaborative [DCP12, DCP14].
Collapse [PKYW95]. Collecting [BMR01].
Collection [LTRA02, DH95, MGC+15].
collection-oriented [MGC+15].
Collection [JFGF12]. Collective
[BIL99, BIC05, CAA00, FVDO0, FCLG07,
FPY08, GLB00, GMdMBD+07, Hus99,
KH96, MJG+12, PGB+05, SG15, TRG05,
VFD02, WRA02, FA18, HS12, HMK+19,
HG12, HWW97, KHB+99, KBHA94,
KMH+14, MBBD13, Pan99b, PGBF+07,
PGB+07, RJMC93, SCB14, SCB15, SS99,
TD99, Trä12a, TFZZ12]. Collectives
MB12, Mar09, MKW11, SSE12, SKS01, TJPF12, TBG+02, TGBS05, BAG17, HEHC09, LME09, LHC+07, LLCD15, MA09, MüI03, PP16, RKBA+13, SHII01, THH+05. 

Compilers
[Ano01a, CFF+94, LZ97, MKV+01, SBT04, SS96, Hos12, PBG+95, ZT17]. Compiling
[DBM16, Hos12, CGK11]. Complete
[Bds07, GHL+98, Nag05, Per97, SOHL+98, YM97, Ano99a, Ano99c, Ano99b, Ano99d, PRS+14, SOHL+96]. Completed [PTT94].

Complexity [NPS12]. component
[HLK10, KRKS11, Squ03]. Components
[BT01b, CT02, Fin00, Gro02a, Lus00, Wis01, GKD+18, LRW01]. Composable
[MLGW18]. Composed [We94].

Composing [PHA10]. composite
[MALM95, YPA94]. Composing
[GPC+17]. Composition
[CTK00, Cot04, DLB07, FC05, Kh41, CFP96]. compound
[LLC13, SAP16]. comprehensive [RST02].

compressible [HHSM19]. Compression
[FSC+11, KBS04, VPS17, AAAA16, HE15, UH96, Wu99]. compression-based
[AAA16]. COMPSAC [IEE95].

Compton [BCD96]. Computation
[BKGS02, B+05, Cer99, DSM94, DSS00, EMO+93, ESM+94, Fer10, FF95, GS91b, HIP02, IEE94a, IEE96c, KS15b, Mar06, MR12, MSCW95, Nag05, PPR01, Sie92a, Sie92b, SMO93, VZT+19, WTHTH17, ACM97a, AC07, ABDP15, Bis04, BALU95, Bos96, BHKR95, CL93, CMH99, CPK+93, Dab19, DZZY94, HLM+17, HK94, KB01, KBHS91, KJ+16, KG93, Lev95, M1AV10, Neu94, NZ94, NCKB12, PF05, PKE+10, Röll00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computation-communication [SH14].

Computational
[ALR94, CMM03, DFMD94, JFY00, KH15, Liv00, MBS15, R+92, SZBS95a, SM07, SYL19, SN01, TDBEE11, TGE09, WPH94, Whi04, AGM06, BvdB94, BDG+92c, BR95a, HVSC11, KBG+09, PBK99, RBB15, SPE95, SZBS95b, STH96, Str94, VDL+15, BR95a, CCHW03, R+92, SL94a, WPH94].

Computationally [DFN12].

Computations
[AGH+95, ACGR97, CGU12, CGPR98, IH04, PBK00, PMvDG+13, WJ12, ANS95, AASB08, BL99, CG93, DMW96, EGDK92, HJYC10, KD13, MRRP11, MR96, SM93b, SAP16, TS12b].

Compute
[DBK+09, LSM+18, KKL11, OHTG19, VLMP+18, ZLZ+11].

Computer-intensive [LSM+18]. computed
[FWS+17, SS99].

Computer
[AC06a, Ano94a, GTH96, IEE95i, IEE96b, IEE97c, IS16, KCR+17, Neu94, Old02, GS91b, STR+10, SU96, BNN96, BNN+96, CMH99, CPK+93, Dab19, DZZY94, HLM+17, HK94, KB01, KBHS91, KJ+16, KG93, Lev95, M1AV10, Neu94, NZ94, NCKB12, PF05, PKE+10, Röll00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computation-communication [SH14].

Computational
[ALR94, CMM03, DFMD94, JFY00, KH15, Liv00, MBS15, R+92, SZBS95a, SM07, SYL19, SN01, TDBEE11, TGE09, WPH94, Whi04, AGM06, BvdB94, BDG+92c, BR95a, HVSC11, KBG+09, PBK99, RBB15, SPE95, SZBS95b, STH96, Str94, VDL+15, BR95a, CCHW03, R+92, SL94a, WPH94].

Computationally [DFN12].

Computations
[AGH+95, ACGR97, CGU12, CGPR98, IH04, PBK00, PMvDG+13, WJ12, ANS95, AASB08, BL99, CG93, DMW96, EGDK92, HJYC10, KD13, MRRP11, MR96, SM93b, SAP16, TS12b].

Compute
[DBK+09, LSM+18, KKL11, OHTG19, VLMP+18, ZLZ+11].

Computer-intensive [LSM+18]. computed
[FWS+17, SS99].

Computer
[AC06a, Ano94a, GTH96, IEE95i, IEE96b, IEE97c, IS16, KCR+17, Neu94, Old02, GS91b, STR+10, SU96, BNN96, BNN+96, CMH99, CPK+93, Dab19, DZZY94, HLM+17, HK94, KB01, KBHS91, KJ+16, KG93, Lev95, M1AV10, Neu94, NZ94, NCKB12, PF05, PKE+10, Röll00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computation-communication [SH14].

Computational
[ALR94, CMM03, DFMD94, JFY00, KH15, Liv00, MBS15, R+92, SZBS95a, SM07, SYL19, SN01, TDBEE11, TGE09, WPH94, Whi04, AGM06, BvdB94, BDG+92c, BR95a, HVSC11, KBG+09, PBK99, RBB15, SPE95, SZBS95b, STH96, Str94, VDL+15, BR95a, CCHW03, R+92, SL94a, WPH94].

Computationally [DFN12].

Computations
[AGH+95, ACGR97, CGU12, CGPR98, IH04, PBK00, PMvDG+13, WJ12, ANS95, AASB08, BL99, CG93, DMW96, EGDK92, HJYC10, KD13, MRRP11, MR96, SM93b, SAP16, TS12b].

Compute
[DBK+09, LSM+18, KKL11, OHTG19, VLMP+18, ZLZ+11].

Computer-intensive [LSM+18]. computed
[FWS+17, SS99].

Computer
[AC06a, Ano94a, GTH96, IEE95i, IEE96b, IEE97c, IS16, KCR+17, Neu94, Old02, GS91b, STR+10, SU96, BNN96, BNN+96, CMH99, CPK+93, Dab19, DZZY94, HLM+17, HK94, KB01, KBHS91, KJ+16, KG93, Lev95, M1AV10, Neu94, NZ94, NCKB12, PF05, PKE+10, Röll00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computation-communication [SH14].
Sun92, Sun93, Sun94a, Ten95, VV95, VW92, WN10, YH96, YG96, ZL17, ZL18, AGdT02, ARYT17, AL92, AH95, ASCS95, Ano93h].

computing
[Ano94e, Ano94b, Ano03, ADDR95, AMV94, BPG94, BDG+92a, BDG+94, BKML95, Bru95, BHW+12, CZ95b, CZ96, CHKK15, DLR99, DKM08, DW94, D+95, DMW96, DE91, EKTB99, EJL92, FBD01a, FGRD01, FO94, FS95, Fer98a, FS98, FME+12, FHC+95, GGGC99, GS02, GS91a, GS93, Gei93b, Gei94, GH94, GLyC97, HP05, HW11, HH14, HPY+93, HS95a, HH95, mH12, IEE97a, IM95, JPOJ12, JY95, JIM+11, JPTE94, KO14, Kos95b, KSSS07, LV12, LH98, LCH96, LHD+94, LHD+95, LM13, Maf94, MZK93, Mal95, Mar07, PGS+13, PKB06, Pen95, PKG+10, PTT94, PBG+95, PNV01, PWD+12, RBS94, RJDH14, Sch93, SGS95, SMS00, STT96, Sti94, SP11, Sun94b, SGDM94, Sun95, Swa01, SD99, TJ90, TKP15, TDB00, Tho94, TSS98, VM94, Vis95, Was96, YULMTS+17, YLC16, YSL+12, Zem94].

computing
[ZWL13, ZGC94, ZHS99, ZKRA14, ACM98a, Kon00, PW95, Per96, SCR92, TGM90, NMC95, Ano95b].

Concept
[KaM10, LTR00, SB95].

Concurrent
[Ano94i], Concurrency
[ME17, NPS12, DGB+14, PTG13].

Connected
[BT01b, KRKS11, OF00, Pet01, GK+18].

Connectivity
[Whi94].

Conquer
[CTK01, Cza02, Cza03], conscious
[ZA14].

Considerations
[CJP19, FA18].

Connect
[DPFT19, WSC17, YYW+12].

Consistent
[TGT10, CG96, CG99a].

Construct
[DM93].

Constructing
[ART17].

Constructs
[KDT+12, PG90, BKH+13, BN00].

consumer
[ACJ12].

CONTAIN
[SB95].

containers
[Str12, ZT17].

content
[GB+14].

Contention
[ALB+18, ALW+15, DSG17, Zal12].

Context
[DGG+12, ZL18, DR18, MdSAS+18, OLG+16, PAD+17, SCB15].

contex bounded
[MdSAS+18, PAD+17].

Contexts
[CS14].

Contiguous
[WTR03].

continual
[NS16].

continuation
[VT15].
Contrasts [GGS99]. Control [FLD98, FM09, IEE94e, MSS97, CMZ99, MBKM12, MH18, OHG19, SFL+94, SHPT00].
control-flow [MH18]. controller [GWC95]. convection [BB95b, CEGS07, TVV96].
Convection [ACM98b, ACM99, ACM00, Hol12, IEE94b]. Convex [GCN95].
Conversion [BB95b, CEGS07, TVV96]. Correctness [MM07].
Correct [BL99, Spe19]. Correctness [HMK09]. Correlated [MM07]. corruption [FME+12].
Coscheduling [GRV01, SGLH01]. Cosema [KBH93].
cosmological [BAD07, Sai10]. Cost [KS15b, RLL01, GKH17, GWV+14, WU99].
counting [JR13]. County [ACM98b].
Coupled [MBS15, SS01, SBR95, Gra97].
Coupling [BS93, KR09, SB95, WB96]. course [STT96]. CoW [KMG99]. CPPvm [Gör01]. CPS [Mat94]. CPU
[BB18, CLOL18, DF17, JR13, KSL+12, Lee12, LRG14, LLC13, LFL+11, OFA+15, PDIY14, PHO+15, Pri14, SPB+17, SSB+17].
CPU-MIC [BB18]. CPU/GPU
[KB12, Lee12, LLC13, OFA+15, SSB+17]. CPU/multi [SAP16]. CPUs [ASB18, HK12, LNK+15, ONL12, SFSV13, YSWY14].
[LCVD94b]. Crash-simulation [LCVD94b].
crashworthiness [LCVD94a]. Crawler [Wal01a]. Cray [BL94, GRRM99, MP95, Sch96a, Sch96b, ABG+96, AZ95, AFST95, BBW19, CSM97, LKJ03, LSK04, MV095, Oed93, RBB97c, SWS+12, SCC95].
CRAZY-T3D [Sch96a, Sch96b]. CRAZY-T3E [Che99]. Creation [Hat98, MF98, PS00a]. Crew [GHL97].
CRI [MSCW95]. CRI-MAP [MSCW95].
Critical [DSG17, SLN+12, SDJ17].
cryptanalysis [BSN95]. Cryptographic [PV07, ABP15].
cryptosystem [WLC07]. CS
[FST98a, FST98b, Jon96]. CS-2
[FST98a, FST98b]. CS/2 [Jon96]. CT
[DYN+06, Naj99]. CT-scans [Naj99].
cube [Pan95a]. Cubes [DERC01]. CUDA
[Pr14, AMuHK15, AAAA16, ACMZ11, AC17, Ano12, ASB18, BS99, BY12, BTC+17, BAG17, BSH15, BBH12, CAM12, CGU12, CNM11, CLY16, CBM+08, CSV12, CFF19, CB11, Cza13, DCP+14, DS13, DR18, DARG13, DLL19, DLV16, DWL+10, DWL+12, DM12, EADT19, ESS+17, ER12, FJZ+14, Fer10, FMFM15, FFM11, FWS+17, Fu08, GDC15, GScFM13, GLN+08, GML+16, GPPG12, GWV+14, GRTZ10, HE13, HJBB14, HYA+16, HLM+17, HD11, HLP10, HP11, HLP11, HOG13, HF14a,
HF14b, HKOO11, HT08, HLO+16, JKL18, JK10, JC17, JLS+14, JFGRF12, KRKS11, 
KHBS19, KD12, KAMAMA17, Kha13, KSI13, 
KVGH11, KME09, KRO14, KB15, 
KID13, Lan09, LRG14, LGKQ10, LLG12, 
LSSZ15, LBH12, LSVMW08, LSMW11, 
LAD16, LBB+16, LYS+16, LYIP19, 
LYZ13, MMO+16, MR12, MSML10, MdSAS+18, 
MGL+17, MM14, MMO+16, MGL+17, 
MM14, MMO+16, MGL+17, MM14, 
MGL+17, MM14, NSLV16]. CUDA 
[NS16, NBS08, OHL010, ORA12, OHI19, 
PGS+13, PRS+14, PG18, PHJM11, 
PAoTS+17, PGcDJ+18, PShl11, PTMF18, 
PSV19, PRS16, RBAL17, Ros13, SFE12, 
SK10, ISY12, SDJ17, STK08, SSO9, 
SGL010, SSL10, SKM15, SP11, SR11, SJK+17a, SJK+17b, 
TNIB17, TVCB18, TS12b, TA14, 
TCP15, Tsu12, UZC+12, VLMS+18, 
WGG+19, W17, WJ12, WrMRR17, 
WRRM19, WFWT11, WJB14, XUL13, 
YULMTS+17, YHL11, YZ14, YMY11, 
ZSK15, ZAFAM16, ZZG+14, Zbd12, 
ZLS+15, ZZZ+15, dlAMC11, dlAMCFN12, 
vdLJR11, Che10, SD13, VOG13]. CUDA-Aware [HVA+16]. CUDA-Based 
[DLL19, AAAA16, WGG+19]. CUDA-BLASTP [LSMW11]. CUDA-C 
[YULMTS+17]. CUDA-compatible 
[LH12]. CUDA-Enabled 
[LSMW11, SSL10, SSI13, KHBS19, 
PSV19, SR11, ZLS+15]. CUDA-NP [YZ14]. CUDA-quicksort 
[MM0+16]. CUDA-sharing [PRS+14]. CUDA-streams [TVCB18]. 
CUDA-to-OpenCL [GSFM13]. CUDA/mpi [LYSS+16]. cudaBayesreg 
[fer10]. CUDAEasy [Sai10]. CUDAalign 
[Sai10, dOSSM+16]. CUDAs [KMM15]. 
CUDA TM [SM12]. culling [HLK10]. CUMODP [HLM+17]. CUMULVS 
[GKP97]. CURAND [Ano12]. CURD 
[PGD18]. Current [Bak98, GFD05, IFI95, 
BDG+93b, Fk94, FHP+95]. Curve [OS97]. 
Curve [Rot19]. Customization [GSY+13]. 
cut [CG99a, CXB+12]. cut-through 
[CBX+12]. cuThomasBatch [VLMS+18]. 
cuThomasVBatch [VLMS+18]. cuts 
[GD+18]. CVL [Har94]. Cybernetics 
[IEE95a]. cycles [PL96]. Cyclic 
[DDPR97, WO95, HCMC94, HO8, WO96]. Cyclops [dCZG06]. Cyclops-64 [dCZG06]. 
D [And98, DYN+06, SSS99, SH14, VDL+15, 
Bha98, BCL00, Bri95, BMPZ94a, BAS13, 
CGU12, CP15, EFR+05, ES11, GCN+13, 
HF14a, HF14b, JR10, KRKS11, KO14, 
KD13, KHS01, KLR16, MK94, MSZG17, 
NSM12, SC19, TP15, WMRR17, 
WRMRR19, WR01, YSL+12, YHK94]. D-CICADA [MK94]. DAC [Cza02, Cza03]. 
Daemon [LB98]. Dagum [Sp02]. d'Aix 
[GA96]. d'Aix-Marlioz [GA96]. Dallas 
[ACM00, IEE95]. Dame [IEE96]. damp[ing [YPA94]. DAMPVM 
[Cza02, Cza03]. DAMPVM/DAC 
[Cza02, Cza03]. DAMS [CD98]. Dangers 
[BCE+97]. DaReL [KN95]. Data [AIF16, 
BMR01, BCG+10, BD12, CKmWH16, 
CLOT18, DERC01, DIn96, EGR15, EASS95, 
GTS+15, GB89, GMPD98, Gn16, HA10, 
HB96b, HC06, JABV19, JDB+14, KA13, 
Lk14, LSM+18, LHCL05, LDJK13, MV17, 
Man01, MK17, ME17, MGA+17, MJ15, 
NJ01, NPP+00b, NPP+00c, NA01, NLRH07, 
PCY14, Re01, SGH12, SPK06, SSLMW10, 
SR96, Str12, THS+15, WO95, Wb94, 
ZDLR01, ZG95b, AB95, ASS+17, AGG+95, 
BK11, Ben95, BR12, BID95, C FileSystem10, 
CGK11, CGL+93, DRUE12, EP90, FB97, 
Fan98, FVLS15, FME+12, FKK+96b, 
FWST+17, GE95, GE96, HB96a, HC08, JB96, 
JCP15, JE95, JPOJ12, KN95, KJ+16, 
KRG13, LOHA01, LF+93a, LL16, MA09, 
MDB+94, MMD+13, MR96, NCB+12, 
NCPB+17, NPP+00a, OPP00, PDY14, 
RJMC93, SIAL14, SSS99, SPH95, SK92, 
TW12, TKGL19, WO96, WLK+18, YCL14]. data [YWO95, ZJDS18, ZRQA11]. Data- 
[LSM+18]. data-centered [JPOJ12].
Data-Driven [ME17, NCB+12, NCB+17].
Data-Intensive [Rei01]. Data-Parallel
[AJF16, GB98, CKnWH16, SPK96, CGL+93,
FKK+96b, MMB+94, MR96, SK92].
data-parallelism [BR12].
data-privatization [KRG13].
Data-Structures [GMPD98]. Databank
[FCP+01]. Database [AR01, BFZ97, EK97,
MWG97, MM14, PPT96a, MN91, PPT96b,
PPT96c, PMZM16]. Databases
[RGB+18, BA06, Bos96, ZWL13]. Data
[DT17, CSPM+96]. Datasets
[DLLZ19, VPS17, KGB+09]. Datatype
[Gro00, SWHP05, KHS12]. Datatypes
[JDB+14, RTH00, SGGH12, CAHT17,
THRZ99]. Dave [Stp02]. David
[Ano96a, Ano99a, Ano99b, Nag05].
DawnCC [MGA+17]. DAWNING
[HWM02]. DAWNING-3000 [HWM02].
Day [IS16]. dbx [NE98, NE01]. DC
[B+05, IEE94h, IEE95k]. DCE
[Sch93, FL96, RS93, Sch93]. DDL
[FB97]. Deadlock
[LZC+02, SG12, HPS+12, HPS+13].
Deadlocks [FJK+17]. Debugger [WCS99].
Debugger [HM01, NE01, CH94, CG99b,
MT96, XWZ96]. Debuggers [Ano01a].
Debugging
[BDGS93, GKP96, KV98, Mor95,
NE98, Wis97, ZLL+12, BL97, BS96a,
DKF93, HLO96, KCD+97, MLA+14].
December [Bil95, Eng00, HHK94, IEE96a,
Kum94, NM95, PBPT95, Y+93].
Decimation [PCY14]. Declarative
[EADT19]. decoder [MC17].
Decomposition
[BJS97, CP97, EG9H+14, KDH918, DBVF01,
ETV94, OMK99, SSHC18].
decompositions [NZ94]. deconfliction
[TCP15]. Dedicated [WLNO3, DJJ+19,
Hus99, RSC+19, WLNO6]. Deep
[AHHP17, AMC+19, SEC15]. Deferred
[Spe19]. Defined [Gua16]. Defining
[GAML01]. Deformable [STK08].
Deforming [GAP97]. degree [CT13].
degrees [KTJT03]. Delegation [YTH+12].
Delegation-Based [YTH+12]. Delft
[DSZ94]. Delivering [Has98]. Delphi
[ACGdT02]. Demand [CTK00]. Denmark
[DW94, DM96, Was96]. Dense
[AKL16, BCT98, CDD+13, Fuj08, Hog13,
PMvdG+13, ZBl12, BRR99, LRLG19].
Densities [MW98]. Density
[BL95, MC17, CBHH94, ZWHS95]. Denver
[ACM01, IEE05, R+92]. Dependable
[GM95]. Dependant [BP99]. Dependence
[LaDS+15, BLVB18]. dependence-aware
[BLVB18]. Dependency [PPR01].
Dependent [DFA+09, HO14, MFTB95,
DM12, LBB+16, LYSS+16, ON12, SSB+16,
TVV96, YPA94, YSVM+16, YSMA+17].
DEPICT [HM01]. Deploying
[PKB01, CLASPDP99]. depth [SSS99].
Derivation [GB98]. Derived
[JDB+14, RTH00, SWHP05, Tha98,
CAHT17, Jou94, THRZ99]. Descent
[Sch01]. description [TKP15]. descriptors
[LNW+12]. Design
[AS92, AAC+05, Ano01b, ACD+15, BCD+15,
BBH+13, BS96b, BMR02, BRM03, CL+99,
ETWaM12, FD02a, FA18, FFP03, GG09,
HWM02, JSH+05, KVGH11, kLCC+06,
kl11, LVP04, Man94, MMSW02, NPS12,
OFA+15, Pan14, PLK+04, PCS94, SBG+02,
SWYC94, SSL97, SPK+12, Sum12, THM+94,
USE94, VGRS16, BR91, CARB10, CSS95,
DS96b, FD02b, GL94, GkLyCY97, KA95,
LC07, MAS06, OA17, PGK+10, PTW99,
RSC+19, SL94b, Sep93, SL96, SSD+94,
SWL+01, WH90, WAl94a, WAl94b].
design-pattern [MAS06]. designed
[BHS9]. Designing
[GKZ12, OLED91, SWLC12, ZLP17, AHPP17, DSO11, Pan95].
Designs [HVA+16, AAAA16, MC17, Shi94].
desktop [Mar07]. Detailed
[DLV16, RSPM98, BTC+17, LR06b]. detect
[DPPT19, Str94]. Detecting
[AGG+95, PPJ01, ZRQA11]. Detection [BHW+17, CSW12, CBL10, CFMR95, DMMV97, EML98, FME+12, HHC+18, KJ14, SG12, ZDD97, BBH+15, DKF94a, HDDG09, HGMW12, HPS+12, HPS+13, LZE+02, RAGJ95, TCP15, TDG13, TWFO09, WYUMS+17].

Detector [DZDR95, PGD18].

Determination [LAF15]. Determine [BP99].

Deterministic [CFMR95, DZ02, ZLL+12]. Develop [PD98]. Developer [IEE96i]. developers [Str94]. Developing [BFZ97, CCSM97, Cot98, DDLM95, Reu03]. Development [AC17, Ano01a, BDG+91b, BR95c, CHPP01, Cha02, Cot97, Cza02, DePo3, FS01a, SK00, SB01, TBD96, TDBEE11, ARvW03, ABC+00, BL97, BDG+92a, DSZ94, DHP97, KCD+97, LCC+13, MMW96, PES99, SM12, TBB12, ZL96, Sc099]. Developments [Mat00a].

Device [KKL11, LS10, SBQZ14, YWTC15].

Devices [GNJ97, RVKP18, ZJ1D18]. DFB [WWZ+96]. DFN [RS93]. DFN-RPC [RS93].

Diagnostic [RSBT95]. dictionary [LSSZ15].

Diego [Has95, LF+93a, NM95]. Difference [UZC+12, GCFG12, HE13, NZ94, NB96, Pri14, Ram07, Str94, VM94]. Differences [AKE00, LDCZ97].

Different [AIM97, GL97b, JCH+08, Nee00, Rab98, RBB97a, BN00, PY95].

Differentiation [MFTB95, Riz17, JK10, NF94, RBB15, SP11].

Differentiating [Cer99].

Diffusion [CF14a, HFL14b, MW98, CEGS07, DM13, MM92]. Digest [IEE93a, IEE95c].

Digit [DALD18, LAD16].

Digital [KLR16, CJ+10].

Dijon [YH96]. Dimemas [GLB00].

Dimensional [Car07, GA96, HD02b, KD12, LRQ01, MW98, SJK+17a, SJK+17b, AL93, KT02, LSSZ15, Ols95, PR94c, Ram07, RG18].

Dimensions [SAS01, Ano93h, HP11].


Directions [FI95, FK94, HFP+95, SM96]. directive [CPM+18, LV12, NO02a, YL09].

directive-based [CPM+18, LV12, YL09]. directive/mpi [NO02a]. Directives [BBG+99, BBG+01, BK00, CCBPA15, JFY00, BC19b, LOHA01, VGS14].

directory [JCP15]. Discontinuous [KK19].

Discovering [FJK+17]. discovery [ASAK19, BK11, GWVP+14]. Discrete [ST17, WMC+18]. Discrete-Event [WMC+18].

diskless [PKD95]. Disks [dIFMBdIFM02]. Disperse [RSVM+05].

Displacement [BJS97, PSSS01].

Dissemination [GL97a]. Distance [MR12].

Distances [LAF15]. Distributed [AGS97, Ano95e, BMS+17, BME02, BGR97a, BL95, Bha93, BJ95, BRST94, BT01b, BHKR95, CGB+10, CL03, CSW97, CC99, DMB16, DBA97, DMD94, DGF97, DHHW92, DHHW93a, EMO+93, ESM+94, FH95, Fan98, FTB00, FK01, Fos98, FS93, FFFC99, GGC99, GCGG001, GCCS98, GCBM97, GWC95, GM95, HJ98, HC10, HRS97, IEE93d, IEE93e, IEE94d, IEE94g, IEE95h, IEE95i, IEE95j, IEE95k, IEE95l, IEE96b, IEE96g, IEE96f, IEE96i, IE05, JML01, KBA02, KP96, KDL+95b, KL95, KK02b, KSHS01, LC93, LHD+94, LHD+95, MC18, MKZ93, MB12, MFTB95, MSCW95, Mat95, MBE03, NSBR07, NZ94, NH95, Pen95, PKYW95, Pet99, Pet00b, PTT94, PVM95, PBM00, PD98, PMvdG+13, RGD97, Sch94, SA93, SMOE93, SW91, Sun90a, Sun90b, TSS00b, TH90, Wl93, WC97, WSC99, YH96, ZDD97, ZDR01, AMBG93, AG+95b, AB95]. distributed

[Ano94e, Ar95, ADMV05, BSC99, BB95a,
Bir94, BMPZ94a, CBPP02, CH94, CEF+95, CBHH94, CILASPDP99, CPR+95, CK99, DLR94, DR94, DHHW93b, DR95, EGH99, FB97, FS95, FS98, FHC+95, FHB+13, GBR97, GCN+10, GKK90, GkLyCY97, GP95, HPY+93, HHA95, IEE97a, JWB96, KN95, KSG13, KJJ+16, KDL+95a, LR06b, LFS93a, LFS93b, LH98, LKL96, Liu95, LYP19, LGmDRA+19, Ma94, MVTP96, Man98, MLC04, NAJ99, OLG+16, PK05, POL99, Par93, PR94c, RAGJ95, RFH+95, SSH08, SHHI01, SL94b, Sch93, SFL+94, SSC96, SPL99, Smi93b, SD99, THDS19, TSP95, THM+94, Uh95a, VM94, VB99, Vet02, Vis95, Wal94a, Wal94b, WPL95, Wan97, YLC16, YW909, YX95, YPZC95, ZL96, ZGC94, Pet01.

distributed-data [FB97].

Distributed-Memory [CSW97, CC99, KN95, SSH08].

distributed-shared [ADMV05].

distributed-memory [FB97].

Distributing [AL92]. Distribution [HB96b, LHCW05, MBJ15, NPP+00b, NPP+00c, NA01, SR96, AG+95, CSW99, GS96, HB96a, JMDV+17, KRC17, NPP+00a, RJMC93, Wi94].

Distributions [ST17, WO95, HKMC94, WO96, vHK94].

Divergence [SDSCP13, V13].

Divergent [WJA+19]. diversity [EO15].

Divide [CTK01, Cza02, Cza03].

Divide-and-Conquer [CTK01, Cza02, Cza03].

DDMP [BB93].

DMPI [HWM02, ZLL+12]. DNA [dFOSR+19, PG18]. DNAml [CDZ+98].

DNMR [SR11]. do [JLG00].

docking [ESB13, VGP+19, ZWL13]. Document [MHSK16, AD95].

Documentation [BDD+xx]. Documents [An98]. does [KC94], dog [LK14]. Domain [BMR01, CP97, EGH+14, KDHZ18, kL11, ETV94, HE13, Nel93, NZZ94, Oh14, OMK90, Ran07, SHHC18, VM94].

Domaine [GA96]. Domains [KR09].


down [Str94]. Downloadable [An98].

DQF [Arn95, KLR+15]. DPVM [HvA+00].

DQN [PS19]. DQN-based [PS19].

draft [DHHW93b, GL92]. Draw [ST17]. Dresden [MDSC09]. Driven [AIM97, IWSB19, ME17, PCY14, FSG19a, FSG19b, Hin11, NBC+12, NBC+17, Qu95, SIS17, TWF09, WTF014].

Dror [Stp02]. drug [GWVP+14]. drugs [Str94].

DSIR [LTR00, RTL99]. DSM [KBVP07].

dSMC [JL18]. DSMP [SSC96, SSC97].

DTM [PS07]. DTS [BHKK95].

Dual [BBC+00, GAM+02, DK02, CT13, LSSZ15].

dual-dictionary [LSSZ15].

dual-Level [BBC+00, GAM+02, DK02]. dual-scanline [CT13]. Dublin [KLD08]. During [DeP03].

Dust [dFMBdF02]. DVFS [PTL+16].

DWT [ZZZ+15]. Dyn [WLN03, WLN06].

Dyn-MPI [WLN03, WLN06]. Dynamic [ACGR97, AG97, AUR01, CGLD01, CknWH16, CML04, CK99, CTK01, DBM16, DBA97, DFMD94, FMMD96, FD00, GFD03, GFD05, GRV01, GCB12, GMPD98, GL95a, KFL05, MK17, NPP+00c, NLRH07, PK98, PLK+04, PT01, PGdCJ+18, Ran05, SP+18, Smi93b, SY95, TS12a, Vd00, Vet02, Wal01a, Wil94, YST08, Zel95, DDL95, EO15, FH97, FCS+12, FKL08, JC17, MMS15, NBR07, NF95, OKW95, PGB18, RAII17, RCG95, SCB14, SCB15, SKK+12, SKB+14, WRSY16, YPA94, DvdlVS94, FCS+12].

dynamically [SSS99].

DynamicPVM [DvdlVS94].

DyMedPVM [DvdlVS94].

DyPVM [DvdlVS94].

DynPVM [DvdlVS94].

DynamicPVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

DynPVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

Dyn-PVM [DvdlVS94].

Dyn-PVM [DvdlVS94].
Dynamische [Wil94], dynamite
[IvdLH94, IHvA94]. Dynamite/DPVM
[IHvA94]. dynamo [Hol95]. DySel
[CKmWH16].

E-scale [Gua16]. EA [Ben18]. each
[Ano00, Ano00b]. Early [CD96, LV12,
SLG95, EFU+95, HHK+99, KJA+93]. Earth
[KTJT03, Nak03, Nak05, Nak05b, UTY02].
Earthquake [UZC12, KTJT03, KME09].
Easily [PKB01]. East [IS16]. Easy
[HCA16, TGD13, MJPB16, SBF94].
EasyGrid [BR04]. EASYPVM [Saa94].
ECMWF [HK93, HK95]. ed [Nag05].
EDEM [Tsu95]. Edge
[ZDD97, Gra97, RAG95]. edition
[Ano99, Ano99b, Ano00b]. editor [GT19].
Editors [AM07, GSA08]. education
[ACM06a]. EDV [Ano94c].
EDV-Benutzertreffen [Ano94c]. Edward
[Che10]. Effect [DK06, LFS+19]. Effective
[MLAV10, RK01, TMC09, Tsu95, BC19b,
Cza13, JH97, KS15a]. Effects [SSE12].
efficacy [GScFM13]. Efficiency
[KS96, MTU+19, CZ96, MMU99, RS95].
Efficient [ADT14, Att96, BHW+17,
BGBP01, BCK+95, BHLS+95, BFH+10,
BGD12, Bru95, BDH+95, BDH+97,
BMPZ94b, CALW17, CF96, DZ08a,
DG+12, FHP94a, FHP94b, FCS+19,
HBT95, HKT+12, HT08, HCO6, HLO+16,
KGK+03, KD13, LHCW05, LAD16,
MDM17, MB12, MRB17, NBK99, PBS+13,
RMJC93, RRB101, RSC+19, SPB+17,
TGBS05, WSN99, WWFT11, YPZC95,
ZWHS95, BfDA94, BHW+12, CGH+14,
FM90, FNSW99, FH+13, HCL05,
KVGH11, LKL96, LA06, MMDA19, Pan95b,
PRS+14, RR01, SOA11, TPD15, TGD13,
YLC16, dCZG06, CRD99, THRZ99].
Efficiently [CC99, CCM+06, PHA10].
effortless [ITT99]. eigenproblem
[BV99, GG99]. eigen solvers [DR18].
Eigenvalue [DAK98, BSC99, THM+94].

Eighth [ERS95, Sie94, IEE96b]. Eilean
[CS95]. einem [BL94]. Einführung
[MS04]. Einstein
[ARYT17, KLMU19]. Einstein-
[ARYT17]. Ejector [CCBPGA15].
elastic [PTG13].
elasticity [PTT94]. Elastodynamic
[MAIVAH14]. electric [BALU95, Ano03].
electrical [Sil96]. electroabsorption
[WWZ96]. electromagnetic
[DSOF11, NZZ94, OMK09, WGG+19].
electromagnetics [OMG16]. electron
[ART17, JLY18]. electron-molecule
[ART17]. Electronic [GJH97]. Electronics
[IEE95d]. Electrosoft [Sil96]. electrostatic
[VDL+15]. Element
[KK19, MS02b, OD01, OMK09, SM02,
VRS00, BB93, BCM+16, Gra09, HMKV94,
KEM09, KEGM10, MG+15, Nak05a,
Nak05b, PTT94, PSV19, TOC18].
Elemental [PMvdG13]. elements [KB13].
Eliminating [DSG17]. elimination
[ACMZR11]. elision [CLJL+15]. elliptic
[AGIS94, PR94c]. ELLPACK
[BBH12, MKP+96]. ELLPACK-R
[BBH12]. Else [Gei00]. elucidation [MK94].
Embedded
[TCM18, WZM17, YGH+14, ACJ12, CG11,
NEM17, TMW17, WLS+13]. Embedding
[FS07, SML17, MS96a]. Embedding
[Ser97]. Emerging [WJA19, RMNM+12].
Emission [Pat93, EZBA16]. emphasis
[Bos96]. eMPI [MS96a]. eMPI/eMPI
[MS96a]. eMPICH [MS96a]. Empirical
[SS94, VY02]. Employing
[AGMJ06, GVF18, LB16]. emulation
[MS99b]. emulator [LTLC94]. enable
[SPK+12]. Enabled [Fos98, GSY13,
LSMW11, Pan14, SSLMW10, ZIL17, ZLP17,
DS13, GLM+08, HJBB14, KHSB19, KTF03,
PSV19, RA09, SHAI91, SR11, ZLS+15].
Enabling [APBcF16, BGG+15, CLSP07,
DGB+14, GBH14, GBH18, HJYC10, NPS12,
TY14, ZPI06, BR04, MA09, SHHC18].
encapsulation [DRUE12]. encoding
European
[AD98, Ano94i, BR95a, BDLS96, BC00, BDW97, CHD07, CHD09, CD01, CDND11, DKO05, DLM99, DPK00, DLO03, KGRD10, Kra02, KKD04, LKD08, RWD09, TBD12, WPH94, DHK97]. EuroPVM
[BDLS96, OL05, DKD07, MTW07].
EUROPVM/ MPI
[OL05, DKD07, MTW07].
EUROPV MMPI
[KKDV03].
EUROSIM
[BH95, DSZ94, BH95].
Eurospace
[Tou96].
Eurospace-Ada-Europe
[Tou96].
Evaluate
[MW98]. Evaluating
[BBV+98, FVLS15, FST98a, GFD03, GD05, GGG001, GB96, HW97, LH95, SSSS97, ZSH01, GScFM13, LTL94, TG09, ZLZ+11]. Evaluation
[ATM01, BF98, BIC+10, BFM97, BEG+10, BB18, CLP+99, DIO2, FST98b, FSSD17, Han98, JCH+08, KS96, KK19, KK02b, KSS00, LGCH99, LNK+15, LZ97, kL11, LVP04, MHO1, MGC12, NNON00, OTK15, OM96, Par+93, RB01, SWHP05, SCP97, SEF+16, SBF+04, SM02, Sou01, SJK+17a, SJK+17b, TOTH99, TSB02, TSB03, TTSY00, UMK97, VY02, AB13, BBG+14, BBH+13a, BMG07, CB11, DBO+16, HPR+95, HSK+19, HASn00, HPS95, IM94, JC17, JMDV+17, LV12, LN9+12, MHP+96, MIO3, MT96, MMH99, NN95, PPK08, RLFdS13, SL04b, SWS+12, SWYC94, SFVS13, TSP95, THM+94, TFP01, WOR96, YW95, YS93, ZHK06]. Evaluations
[KNH+18, MM14]. Event
[KKV01, NSL16, THS+15, WM01, WMC+18, FSG19a, FSG19b]. Event-Based
[NSL16], event-driven
[FSG19a, FSG19b]. events
[HHK+19]. everything
[CCM+06]. everything-shared
[CCM+06]. Evolution
[Mat01a, PS01a, RBB17, SSL97, SGG00, G93, SSD+94]. Evolutionary
[B+05, DSM94, Rag96]. Evolving
[Bad16, ER12, MdSC09]. Ewing
[Ano95c, Ano99c, Ano99d, Ano00a, Ano00b]. EWOMP’99
[BC00]. Exact
[dOSMM+16]. examine
[LFS+19]. Example
[Che10, SK10, NB96, Pat93]. Exascale
[Bad16, LV12, LS12, RPS19]. Exception
[ESPM17]. exchange
[MML13, Pan95a]. excluded
[BHW+12]. executable
[WMB14]. Execution
[AHD12, BME02, DT17, FC05, FM90, GR07, KGK+03, MK17, Mar+05, MFG+08, MAKR01, Ney00, STY99, SAP16, BLV18, EPL99, Mor95, PSB+19, SMAC08, TNB17, TSY99, TSY00, UGT09]. Executions
[GAML01]. Exhibition
[HS95a, GH94, LCH96]. Existing
[CBO0]. EXOCHE
[WCC+07]. Expand
[CCG+02]. Expanding
[LA02]. expected
[CAH17]. Experience
[BCP+97, BT96, CP98, PHS01a, Tou00, AMS94, BC19b, CARB10, KJA+93, RSC+15]. Experiences
[AP01, BFZ97, CMV+94, CLASLPDP99, GLN+08, GS91a, G97, GB96, GL95d, ITT02, JR10, KS97, Mar02, TEGM09, ZPL96, ZKRA14, AL92, CCF+94, Sch94, SGD94, BDG+93b]. Experiment
[Luo99]. Experimental
[BIL99, BIC05, BB18, EGC02, Ser97, UMK97]. Experiments
[BPM97, Coe94, LGM00, OS97, RR00, ZB97, RHG+96, HAJK01]. Expert
[BPG94]. experts
[E015]. ExpEther
[NMS+14]. Explicit
[BHV12, GFG12, SGHL01, LCP97]. Explicitly
[Mail2, SYR+09]. exploit
[ZP106]. Exploitation
[GGL+08, GAM+02, BK11, GAM+00]. Exploiting
[Add01, AML+99, BRI10, FKLB08, HEHC09, KFL05, NAAL01, VGP+19, Nob08, THH+05]. Exploration
[AmuHK15, OVA+15, ABPP15, GE95, GE96, PDY14]. Explorations
[BGG+15]. Exploring
[CPM+18, IFA+16, LGMDA+19, MBKM12, MTU+15]. Expose
[SAL+17]. Exposing
[SD16]. Exposition
[IEE95d, LF+93a]. EXPRESS
[KS96, AHM97, FK94, LH95, SHH94a, SHH94b]. Expression
Expressions [VZT+19, SFLD15].
expressive [Trä12a, YLC16]. Extend [DFA+09]. Extended [BR02, Röt19, HTA08, SS99]. Extending [ABB+10, BCC+00a, BCC+00b, BDB+13, CS96, CG99a, KDT+12, LMRG14, Mar03, OFA+15, RGDMI16, SDV+95, TMT96, CG96, GGH+96]. Extensible [BL07, GS94]. Extension [AELGE16, BCH-93, CS99, CG96, GGHL 96].

Facilitating [Gro12]. Fast [FCLG07, GAVRRL17, PCS94]. Finding [FCLG07, GAVRRL17, PCS94]. Fine-grain [SL00]. File [FY94b, FHP+94]. Fabric [ZT17, ZL18]. face [HDD09]. Faces [Gro12]. facilitate [PKB06]. Facilitating [MC99, ZL12, ESB13]. Facilities [MHH08, MN91]. Facility [KG96, SHT01, KZCS96, LHCT96]. Factorization [Bl98]. factorization [AZ95, BSvdG91, BR92, DG95, KBP16, WLC07]. Factorizations [TD98, LC97b]. Fail [LF92, LF93a, LFS93b]. Fail-safe [LF92, LFS93a, LFS93b]. Failure [BBH...]. Fast [Ben01, BBS+02, BDA+18, BBH12, CS14, DMK19, DFN12, EM02, HOG13, HOB95, JFGR12, JMDV+17, KK19, LYP19, PSN11, PR94c, PBC+01, RB01, SE02, SS09, STY99, SR11, TPLY18, UP01, WTR03, LAN09, LCL+12, NYNT12, TDG13, YUML+17, YLZ13, YBZL03, ZA14, AAB+17, DBLG11, PFG97]. Faster [TS12, ZG95a, ZG96]. Fat [Zah12]. Fat-tree [Zah12]. FATCOP [CF01]. Fault [BBC+02, BCK+03, BHK+06, CPO1, CFDL01, FBDO1a, FBVD02, FD02a, FD04, GFB+03, GKP97, GJ10, GL04, GM95, JH+05, LMRG14, LNE00, DLR04, MS00, RPM+08, TS12a, WCO9, WL93, BCK+08, FBDO1b, FD02b, HG12, LMG17, LS08, PKD95, SG05, ZHIK06, FD00].


February [AN09, GE95, GE96, IEE93a, IEE94a, IEE97c]. FEM [GE98].


filamentary [YPA94]. File [BIC+10, CGC+02, LRT07, KLLC07, KL11, PL02, RK01, TSS00b, TSU07, WTR03, DL10, LL95, SBQZ14, iSYS12]. Fine [PL02, RK01]. Fine-I/O [PL02, RK01]. film [SL00]. filter [BY12, CC95]. Finding [FCLG07, GÄRRL17, PCS94]. Fine [AZG17, BBG+10, JCP15, SFL+94, TCM18, YSS+17, BK11, KW14, LZY19]. Fine-Grain [AZG17, JCP15, SFL+94, BK11, KW14].
Fine-Grained [BBG+10, TCM18, YSS+17, LZHY19].
Finite [DFN12, KK19, MS02b, MAIVAH14, OD01, OKM09, Pri14, SM02, UZC+12, VM94, VRS00, BB93, Gra09, GFPG12, HE13, HMKV94, KME09, KEGM10, KB13, NAK05a, Nak05b, NZZ94, NB96, PSSV19, Ram07, TOC18]. Finite-Difference [UZC+12, VM94, HE13, NZZ94, Ram07]. Finite-Element [MS02b, BB93, KME09, KEGM10, Nak05a, Nak05b]. Finland [RWD09]. Fire [JML01, SJ02]. First [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gat95, HAM95b, Kum94, Nar95, PBPT95, SSP+94, USE94, AH95, BS94, GM18, MMDA19, PTFM18, PBPT95]. Fix [DLV16]. FlexCL [LWZ18]. Flexibility [KK02b]. Flink [KWEF18]. FlinkCL [CLOL18]. Floating-Point [LWSB19]. Florida [ACM98b]. Flow [BHWM17, BGD12, CGZQ13, CBPGM15, FM09, MK17, Pat93, AMS94, AFST95, EP96, ED94, HK94, HTDH99, HHS919, JAT97, LL16, MBKM12, MH18, Ols95, PTT94, RM99, SCC95, SU96, TS12b, TOC18]. Flow-Based [BHWM17]. Flows [GAP97, BCM+16, BTC+17, Heb93, LLG12]. Flowshop [CB11]. Fluid [DFMD94, GAP97, JFY00, SZBS95a, TDBEE11, TEGM09, AL91, AT12, AGM06, BvB94, BHS18, BI95, HVSC11, MRRP11, PB99, SPE95, SZBS95b, WPH94]. fluid-particulate [AT12]. fluids [HK94, BB96]. Flux [QRMG96, QRG95]. Fly [WMC+18, KS14, THRH99, BCAD06, BADC07]. FM [LC97a]. FMA [LO96]. Fock [MMDA19, CBHH94]. Focus [Cla98, CFF19]. foolish [Rol08a]. footprint [TS12b]. force [Goe02]. Forecast [AHP01]. forecasting [Bjo95, KOS+95a]. Forest [JML01, NCKB12]. ForestGOMP [BFG+10]. Foreword [CHD09]. FORGE [WCVR96]. Fork [BGD12, SML17]. Fork-Join [BDG12, SML17]. form [NCB+12, NCB+17]. formalizing [FGRT00]. Formal [BBH12, MDM17, CBGL19]. Forschung [Ano94c]. Fortran [Ano97, Ben95, Bra97, GRB15, TOC18, AC17, Ano98, AS14, BW12, BC19, DZ98b, Don96, GML+16, HE13, HH14, HZ99, KM10, Kuh98, KLM+19, LC97b, LCC+03, MW95, SYSY92, SM03, SMCH15, SC19, TGB+02, Wai02, YBMGB14, YSVA+16, YSMA+17, vHKS94]. Fortran/PVM [MW95]. Forum [Str94]. Forward [RNMN+12, BBD+13]. forwarding [CBX+12]. foster [SM12]. Foundation [Gei01]. four [GSMK17, MGG05]. four-atom [MGG05]. four-particle [GSMK17]. Fourier [DBLG11, BCM+16]. Fourteenth [IEE95b]. Fourth [Ano89, IEE93d, IEE95k, Sie92a, Sie92b, Ano94i, IEE96g]. FPGA [KNH+18, MTU+15, PWP+16, PGF18, RGB+18, WTTH17, WHMO19]. FPGA-Platform [WTTH17]. FPGAs [CJPC19, LWZ18, MC17, OFA+15, PGS+13, WZHZ16, Roh00]. fractal [Wu99]. fragment [KS15a]. fragments [OA17]. Framework [Ben18, DGM93, FC05, GGGG01, GR07, GDDM17, MGL+17, NSZS13, PWP919, PMvdG+13, SSS+05, SSAS12, Sun90a, Sun90b, WZHZ16, Ano93e, BA06, BLVB18, BR04, BAG17, EFR+05, FLMR17, GM13, KKM15, KJJ+16, KJJ+08, KH10, LME90, LGG16, LCMG17, LS08, PTL+16, RSC+15, SL00, TDB00, YLC16, YWTmb15, ZT17, dAT17]. Frameworks [OP10, ASS+17, KDSO12]. France [ACM90, BR95a, BFM96, CHD07, DE91,
FR95, JPTE94, MCD+98, VW92, YH96, GA96, IEE94c. Francisco
[BBG+95, IEE93a, IEE94g]. Frankfurt
[Ton96]. Frankfurt/Main [Ton96].
Fredericton [BG91]. Free
[KK19, PKYW95, CP15, SOA11, Zah12].
freedom [KTJT03]. Frequency [IEE94e].
friendly [SVC+11]. Frontiers [ACM06b, IEE94a, IEE96c, Sie92a, Sie92b, Sie92a].
Frontiers’95 [IEE94a]. Frontiers’96
[IEE96c]. FSI [HAA+11]. FT
[FD00, LNLE00]. FT-MPI [FD00]. Fujitsu
[Ano98, AKL99, BHS+02, SWJ95, SH96].
full [CFF19]. full-orbit [CFF19]. Fully
[GA96, ZL17, SSB16]. Function
[AGS97, Bri02, HHS18, MCP17, Rót19, RB01, SW12, HE15, JMdVG+17, KRC17].
Functional [ACM90, AJF16, CNM11, NW98, Ser97, CBH94, EP96, HSE+17, SFLD15, WZWS08]. functionality
[BFM09]. functionally [PSV19].
Functions [BKGS02, Bri12, Hat98, MDM17, CdGM06, HWX+13, PN01].
Fundamentals [Wal96a]. fused [TW12].
Fusion [FHK01, FMF15, PKE+10].
fusions [FFM11]. Futhark [HSE+17].
Future [Dar01, IEE93d, Mat00a, BDG+93b, FK94, FHP+95, Ge94, RPS19, Sni18].
Futures [Kul98]. fuzzing [LLCD15].
Fuzzy [MDM17, TVC18].

G [OPM06]. G2 [Cot04, KTF03, OPM06].
GA [Ara95]. GAIN [ARYT17].
GAIN-MPI [ARYT17]. Gains [CMM03].
Galerkin [KK19]. Gallipoli [Ano93b].
GAMMA [CC00a]. Gap
[AAB+17, ASS+17]. Garbage [GTS+15].
Gas [BMS94b, BBK+94, BMS94a]. GASPI
[SIC+19]. gather [MTK16]. gauge [BW12].
Gauss [BG95, LM99, Ols95]. GCel
[SHH94a, SHH94b]. GECCO [B+05]. Geist
[Ano95b, NMC95]. gem5 [PHO+15].
gem5-gpu [PHO+15]. Gemini [SWS+12].
gems [Fer04, mH12, Ngu08, PF05]. Gene
[GDM18, PCS94, AAC+05, BGH+05, EFR+05, KMH+14, LM13, MV17, MSW+05].
genefinding [PCS94]. Gene/L
[AAC+05, BGH+05, EFR+05, MSW+05].
Gene/Q [KMH+14, LM13, MV17].

General
[Che10, IH04, MW98, SK10, SZB95a, Sun94a, ABDP15, ADL03a, ADL03b, CBM+08, FLD96, KPNM16, PF05, RSBT95, SZBS95b, SMSW06, YPA94].
General-Purpose [Che10, SK10, ABDP15, CBM+08, KPNM16, PF05]. Generalized
[DFKS01, FKS96, BSC99, SD99, van93].
Generating [AZG17, CGL+93, ER12, LJM+05, PKB+16, SFLD15].
Generation
[AB93a, CC17, FAFD15, Ge98, GTH96, HT08, JFY00, LTTD14, RGD13, SSB+17, TGBS05, VPS17, AB93b, CPR+95, DCD+14, DWM12, KHS12, KPL+12, KH10, MMDA19, SP11, TGLK19, WKS96, WMP14, ZKRA14].
generational [WK08a, WK08b, WK08c].
generative [MAS96]. generator
[LAN09, TNIB17, YL09]. generators
[CCS19]. Generic [ARS99, AKL99, GB98, BAS13, GM13, ZT17].
Genetic [FTVB00, MTS94, MSCW95, PB12, TGK19, WKS96, Wal01a, WHDB05, AB13, BB95a, FSTG99, HPLT99, RCJ95, WS01b, B+05].
genetics [LM99]. Geneva [IEE97b].
genomic [StD10]. genomics [CJP19].
GeoComputation
[Abr96, Abr96].
GeoFEM [NO02b, NO02a, Nak03].
geomechanics [BJS99]. Geometric
[DDP+19, VGP+19]. geometrical [FMS15].
Geometry [STK08, Ho95, STT96].
geophysical [Has95]. Georeferencing
[GCGS98]. Georgia [USE00, UCW05].
German [EGH99, GBR97, Gra97, GEW98, Sei99, Wer95].
Germany [BDLS96, GH94, KGRD10, MTWD06, MdSC09, PSB+94, Sch93, Tou96, Ano93a, BPG94, Cal94, GHH+93, WP94].

Gesellschaft [Ano94c]. get [Str94].
Getting [Nob08]. GF100 [WKP11]. gHull
[GCN+13]. GHz [Ano03]. Gibbs [TPK15].
Gigabit [CC00a, HcF05, EGH99, OF00].
Giganet [GT01, Tri⁰2b, bT01a]. GIS
[CFPS95, CCSV97]. Give [DZ98b]. Glenda
[SBF94, BiC95]. Global [SBG00, DSS00].
Pan95a, Ros13, SHTS01, STK08, SWH15,
TPP97, HWS09, HCL05, HEH09, LF²93a,
Str94, Wan02, YLZ13, Zah12, ZWH59.
Globally [BHS⁺02]. GLUE [Rab98].
GMRES [dH94]. Gmunden [Vol93]. GNU
[YSM⁺17]. go [KC94]. good [Mat03].
Göttingen [Ano94c]. GPU [LRBG15].
GP-GPUs [LRBG15]. GPFS
[AHP01, BIC⁺10, PTH⁺01a, PTH⁺01b].
GPGPU
[ASB18, BGG⁺15, CPM⁺18, HA11, HCZ16,
JKN⁺13, LME09, LDJK13, LZY13,
MBKM12, PTG13, TY14, YZ14, YEG⁺13].
GPGPUs [MdMG⁺17, LS15]. gprof
[WGG⁺19]. gprof [GJLT11]. GPU [Che10,
KA13, SPB⁺17, AKL16, AHP017, BDP⁺10,
BR12, BCD⁺12, BCD⁺15, BTC⁺17,
BWV⁺12, BBH12, CLOL18, CBY18,
CCBPGA15, DF17, DS16, DK13, DALD18,
DSOF11, DWL⁺10, DWL⁺12, ER12, FA18,
Fer04, FFM11, FSSD17, GCN⁺13, HVA⁺16,
HSE⁺17, HK09, HK10, HZG08, mh12,
JDB⁺14, JLS⁺14, JR13, JNL⁺15, JJL17,
JPT14, KDSO12, Kha13, KSL⁺12, KPL⁺12,
KI17, KPN16, KEGM10, KO14, KNH⁺18,
KMM15, LWSB19, LV12, Lee12, LRG14,
LLC13, LAD16, MMO⁺16, MdSAS⁺18,
MGL⁺17, Ngo08, NMS⁺14, NS12,
OFA⁺15, Pan14, PDI14, PGdCJ⁺18, PF05,
Pri14, RSC⁺15, RS19, RNNM⁺12, Sai10,
SK10, SmM10, dOSMM⁺16, ISYS12, SS09,
SN⁺19, SCSL12, SIRP17, SAP16, SYL19,
SD16, SSB⁺17, SKM15, SBK⁺14, SG14,
TB12, TS12b, VZT⁺19, WM17, WJA⁺19,
WGG⁺19, WP111, YULMTS⁺17, YHL11,
YCL14, YSS⁺17, ZRQA11, ZZG⁺14]. GPU
[ARYT17, PHO⁺15]. GPU-Accelerated
[KA13, SCSL12, PGdCJ⁺18]. GPU-Aware
[Pan14, FA18]. GPU-based
[MMO⁺16, SS09]. GPU-code [EZBA16].
GPU-programming [HSE⁺17].
GPU-Resident [JDB⁺14]. GPUDirect
[OGM⁺16, YWCF15]. GPUMixer
[LSWSB19]. GPUMP [ZC10]. GPUpc
[IFA⁺16]. GPUs
[BLV18, BY12, BC19b, BDA⁺18, CJP19,
DS13, DS16, GML⁺16, GPFG12, GPC⁺17,
GM18, HTJ⁺16, HLP10, HP11, HLP11,
Host2, IFA⁺16, JKM⁺17, JAK17, KGB⁺09,
KMM15, KKL11, KVGH11, LBH12,
LRBG15, MA09, ON12, OH10, PP16,
PSV19, PB12, SHLM14, SDB⁺16, SKK⁺12,
Tsu12, VLMPS⁺18, VY15, WRSV16, WJ12,
WBJ14, YLZ13, YSWY14, ZC10, ZZG⁺15].
gpuPHASE [WMRR17, WRMR19].
GPUVerify [BCD⁺12]. GQ [RFG⁺00].
GRADE [YKI⁺96, ZRQA11]. GRADE
[DDL00]. graded [PSV19]. Gradient
[BG95, GFPG12, KN17, MM92, Ols95].
Grain
[AZG17, IOK00, KOI01, MJBP16, NIO⁺02,
NIO⁺03, BK11, JCP15, KW14, SFL⁺94].
Grained
[ADRCT98, BBG⁺10, LGM00, TCM18, YSS⁺17,
Heb93, LZHY19, RJC95].
Grammatical
[RBB17]. Grand
[DMJ93, Ten95, BDG⁺92]. Graph
[BHW⁺17, DW02, MM14, NPS12, PP01,
STV97, HLP10, HK011, PP16, PD11].
Graph-Based
[NPS12]. Graph-Partitioning
[STV97]. Graphic
[HHJB14]. Graphical
[BDG⁺91b, DDL00, BDG⁺92a, KCD⁺97,
KFSS94, SKF95, VDL⁺15]. Graphics
[KS15b, LSVW08, LSW11, SLJ⁺14,
SSLMW10, vdLJR11, ABDP15, BH18,
CBM⁺08, DBLG11, Fer04, GKL95, HTA08,
HSW⁺12, KFA96, KY10, KME09, LHLK10,
MSZG17, PF05, SHM⁺12, SR11, WWFT11,
ZLS⁺15, MSML10]. graphics-scalable
[GKL95]. Graphs
[LGMO0, OF10, PGF18, VZT⁺19, EP96, MC99, MJBP16].
Gravitational
[ZSK15, KM10]. Greece
[CD01, CDND11, SM07, TG94]. green
[PTL16]. Grenoble [JPTE94]. Grid
[AB93a, CGB10, CLL03, DPP01, Fos98, KT01, La01, Lvo0, MRB17, PLK14, Rei01, TEGM09, AB93b, Eng90, GLM11, KRKS11, PVS19, WYLC12, AASB08, BR04, CCH03, DKD05, Fos98, GL02, KTF03, KGG10, KSS07, LC07, LS08, NSBR08, RPM10, RTRG10, SHTS01].

Grid-Adaptive [KT02]. Grid-Enabled [Fos98, GLM10, KTF03]. Grids [NO02b, ACH11, CC10, KBG09, NO02a, NB06, BBH07, GR07, Ram07, SN01].

GROMACS [BvdSvD95]. Gropp [Ano95c, Ano99c, Ano99d, Ano00a, Ano00b]. Grover [LYZ13]. Growth [PKYW95, BB95a].

Ground [HTHD99, NS16]. groundwater [AFST95, EGDK92].

grouping [WPL95]. Groups [GOM10].

grouping [WPL95]. Groups [GOM10].

Grover [LYZ13]. Growth [PKYW95, BB95a].

Ground [HTHD99, NS16].

GUI-awareness [VGS14].

guidance [SDJ17].

Guideline [Trä12b]. Guidelines [TGT10].

GVirtuS [MGL17].

Hack [DLV16]. Hadoop [LSM18]. Hague [Ano93f]. Halide [RKBA13].

hypothesis [BBW19].

Harburg [PSB14]. Hamiltonian [ART17]. Handling [DFC17, FMSG17, LSB15, LGM00, RC97, FFFC99, LNW12, THRZ99]. Hands [KmWH10]. Hands-on [KmWH10].

Harbor [BBC18]. Hardware [BGG15, BWW12, Bri12, BCKP00, CDP03, DW02, EADT19, GJMM18, HSP13, LSWM11, MFC98, PSM14, PKB16, SSLMW10, vLJ11, ER12, GGL10, PMZM16, RB99, SBG12, SH94, SWS12, YÄGER15, ZLS15].

Hardware-Based [CDP03]. Hardware-oblivious [HSP13]. harmonic [GSM17].

Harness [EBK01, MS99b, PL96, FBD01a, FBD01b, FBVD02, FD02a, FD02b, MSF00, Ge98].

Harrogate [CJNW95]. Hartree [CBH04, MMDA19].

HASEonGPU [EZBA16]. Haskell [WO97]. Hate [Dan12].

Hawaii [ERS95, ERS96, HS94, MM93, ZL96].

HCA [KBG16]. HDL [Kat93, KMK16].

HDMR [KD12]. Heading [Sch99]. Heaps [GFT19].

Heat [SAS01, NP94, iSYS12].

Hector [RFRH96, RRG99]. Heijen [Van95]. held [AGH15, GA96, JB96, KG93, MM93, Old02, R92, SPH95, TG94].

Helios [SPK96]. Helmholz [HMK19].

Helps [Stp02]. HeNCE [BDG15].

HeSSE [MRV00]. Heterogeneous

[ABB10, BDG13, BDG13, BL95, BCP17, BGR97b, BCKP00, CMMR12, CLOL18, CLBS17, DGM09, DGM13, FGD97a, FGD97b, FLD98, Fos98, GS91b, GDD18, IEE93f, KR09, KCR17, LC93, MRV00, MM01, MM02, NTR16, PD98, PH15, RVK19, SMS00, SGS10, TQDL01, VLO10, ACGdT02, ADB19, ADDR15, AMV94, BDG19, BHP15, BRR99, BAG17, CCM12, CFP19, FBM09, GKC12, GCC10, GKC13, HHS18, HK94, KSG13, KSL12, Kos95b, KSS18, LCL12, LR06a, Lee12, Mai12, MSL12, MM03, NP04, NEM17, PEN95, PDB19, RCF19, RVK18, SCJH19, Skj93, Smi93b, Sun94b, Sun95, TBB12, TMW17, TKP15, TG13, VB99, VGP19, WCC17, YST00, YSL12, ZJDW18].

HeteroMPI
[LR06a, VLO+08]. Heuristic
[BHM96, STV97, WH94]. HI
ERS96, H94, IEE96e, ACM97a]. HICSS
ERS96, MHH93]. HICSS-26 [MHH93].
HICSS-29 [ERS96]. hicCUDA [HA11].
Hierarchical [BMR01, FBSN01, HA10,
HL17, MB18, MALM95, RR02, ADMV05,
BDV03, GJMM18, OKM12, YPZC95].
hierarchies [SYR+09]. High
[ACM97b, ACM98a, ACM98b, ACM00,
ACM01, ACM04, BPG94, BRST94, BS07,
BDA+18, CDD+13, CNM11, CDHL95, CS14,
DPP01, DDL00, DE91, FGKT97, GSHL02,
GBH99, GBS+07, GLDS96, HVA+16, HA11,
Hol12, IEE92, IE93c, IEE94g, IEE95k,
IEE96a, IEE96f, IEE97c, IEE98e, IJL95,
Kha13, KMK16, KEGM10, KH15, Lafi1,
LC97a, LkLC+03, LbH12, LPF04,
MBH98, MPD04, ME17, MAA05, NDU05,
OHH01, OLG01, PKB01, PR94b, PTH+01b,
Rab98, RH01, SPM+10, SSSLW10, SCSL12,
SLO05, SUC+11, SS967, Tio00, Tso07,
VW92, WN10, YLC14, YWCF15, YSP+05,
AH95, Ano03, BACD07, B696, BWT96,
BD95, CHKK15, CBG18, DH10, Duv92,
EZBA16, ES01, FME+12, GS02, GGC+07,
GL96, GL97c, HDG909, HW11, Hos12,
KBP16, KME09, La09, LB+96, MLS12,
MSZG17, NS91, NFG+10, Old02, OGM+16].

High [PGS+13, PGK+10, PF05, PTW99,
Reu03, RJDH14, SG14, SFLD15, ZSK15,
ZWL13, dAT17, CDH+95, DZ98b, D+95,
DE91, GH94, HS95a, KD12, LCHS96,
LC97b, SSH08, Ten95]. High-Dimensional
[MW98]. High-Level
[CS14, DDL00, HA11, Hos12, SG14, SFLD15].
High-order [KEGM10, KME09, OGM+16].

High-Performance [ACM98a, FGKT97,
IEE97c, LkLC+03, OL01, PNB01, PR94b,
PTH+01b, Rab98, RH01, SPM+10, SCSL12,
W10, GLDS96, OHH01, SUC+11, Ano03,
ES01, FME+12, GL96, GL97c, HHG909,
KBP16, LB+96, Old02, PGS+13, PGK+10,
PF05, Reu03, RJDH14, SFLD15, ZSK15,
HS95a, GH94, LCHS96, SSH08].
High-Precision [Kha13]. High-Quality
[BDA+18]. High-Scalability [BS07].
High-Speed [CDHL95, KMK16, AH95,
BWT96, CDH+95]. High-Throughput
[SSLW10, ESBB13]. Higher
[MYB16, KB13, wL94]. higher-level [wL94].
High-order [MYB16]. Highly
[MM95, PV97, TMM16, CARB10, GBH95,
GBH18, VM95]. highly-scalable [GBH14].
Hills [IEE93f]. HiNet [AH95].
HIRLAM [Bjo95, HE02, K1O95].
Histogramming [KRC17]. History
[OWSA95]. Hitachi
[Ano03, NN00, TSB02, TSB03]. HLA
[RT04+07]. Hoca [KI17]. Hoca
[IBC+10, ITT02]. Hösgskolan [Eng00]. Hole
[Are13]. holistic [TWFO09].
Holomorphic [R18]. homotopy
[GWC95, SMSW06, VT15]. Honolulu
[IEE96e]. honor [Str94]. Host
[Ano95e, LLRS02]. Host-Parasite
[LLRS02]. HOTB [GSMK17]. Hotel
[IEE94e]. Hotel-Copley [IEE94e]. Hough
[YULMTS+17]. house [IZL+11]. Houston
[ACM06a, Ano95a, Ch05, DKM+92, Y+93].
HP [CBG+10, BCM+16]. HPC
[ASS+17, CGBS+15, GDC15, GKK909,
LCV94b, OLG+16, PR14, RGGP+18,
VGP+19, ZLP17]. HPC02 [An03].

HPCN [LCHS96]. HPF
[BP98, BF01, BID95, Bri00, BDV03, CM98,
CDD+96, Coe94, FKK+96, FKK96a, LZ97,
OP98, OPP00, SMP2, Str94]. HPF-MPI
[BP98]. HPL [Lee12]. HPVM
[BCP00, CLP+99, KSS+18].
HPVM-Based [CLP+99]. hull [GCN+13].
human [VLSPL19]. Hungarian
[Far92, FK95, LIP91]. Hungary
[DKP00, KKD04, VV95, FK95]. hunting
[JPP95]. Husky [YCL16]. Huss
[Ano96a, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Nag05].

Huss-Lederman
[Ano96a, Ano99a, Ano99c, Ano99b, Ano99d].

Hybrid [BBG+10, BBH+06, BB18,
GC\textsuperscript{+}11, CNM11, Cha02, DR97, GPC\textsuperscript{+}17, HVSC11, IDS16, KS15a, KLR\textsuperscript{+}15, LLRS02, LG14, MS02b, NO02b, PZ12, SSB\textsuperscript{+}16, VPS17, WT12, YHL11, YPAE09, YTH\textsuperscript{+}12, AC07, ADR\textsuperscript{+}05, BBG\textsuperscript{+}14, CSPM\textsuperscript{+}96, FMS15, GAVRRL17, GKK09, HDB\textsuperscript{+}13, JR10, JMS14, KN17, KRG13, KJEM12, LLC13, LLI\textsuperscript{+}14, MLAV10, MRRP11, NO02a, Nak05a, Nak05b, PARB14, PHJM11, SDJ17, SVC\textsuperscript{+}11, THDS19, WT11, WYLC12, WLYC12, WT13, YWC11, ZWL13.


I-SPAN [LHHM96, Li96]. I-WAY [FGT96]. I/O [Bos96, CFF96, DRUE12, IRU01, IBC\textsuperscript{+}10, LkLC\textsuperscript{+}03, kLCC\textsuperscript{+}06, MC18, MGC12, MG15, PSK08, PLR02, RK01, SBQZ14, Tha98, Tsv07, WSN99, ZJDW18]. IASTED [Ham95a]. IBM [AL93, Ano03, BBB\textsuperscript{+}94, BGBP01, BR95c, BR95b, Bri95, CE00, CDM93, FHP94b, FHP\textsuperscript{+}94, FHP\textsuperscript{+}95, Fra95, FWQ\textsuperscript{+}95, GL95d, HSMW94, HMKV94, Heb93, JF95, KB98, KAC02, KHS01, KMH\textsuperscript{+}14, LC97b, MP95, MW93, MABG96, NMW93, WZWS08, XH96]. IBM-SP1 [FHP94b]. ICA [IEE96d]. ICAPP [Nar95]. ICCMSE [SM97]. ICIP [IEE94b]. ICPP [Agr95a]. ID [DGG12]. Idaho [Str94]. Ideas [IEE95d]. identification [HPLT99]. identity [KN17]. IEEE [ACM97b, ACM98b, ACM04, ACM05, Bha93, IEE94e, IEE94g, IEE95b, IEE95a, IEE95k, IEE95g, IEE96b, IEE96f, IEE96d, IEE02, Nar95]. IEEE/ACM [ACM04].

IFIP [Boi97, DR94, PSB\textsuperscript{+}94]. IFS [AHP01]. Igniting [ACM03]. II [DE91, GE95, HS94, BPS01, BW\textsuperscript{+}12, EM00b, GAVRRL17, Sta95b]. III [BPG94, BP93, DSBM94, GE96, HAS95, OKW95, SSGF00]. ILDJIT [CARB10]. I’ll [Har94]. Illumination [STK08, ZWH95]. ILU [ABF17]. ILU-preconditioned [ABF17]. im [Gra97]. Image [GGCM99, GGCG00, GCGS98, GGGC99]. Images [Uhl94, Uhl95b, VLO08, NAJ99]. Imaging [NH95, HS95, LM13, Pat93]. imbalances [MLVS16]. IMEC [ZL17]. immunodominance [ZWL17]. Impact [ADLL03a, ADLL03b, BRU05, Bru12, TSS00a, WHDB05, DO06, FSV14, SHHC18]. impacts [Str94]. Implement [GM95, Gro19, PPT96c]. Implementation [AB93a, AKL99, BGG15, BGBP01, BPS01, BG95, BHP\textsuperscript{+}03, BBS99, Ben01, BP98, BCD\textsuperscript{+}15, Bjo95, BJS97, BJC\textsuperscript{+}10, BMR02, BRM03, BMS94b, BMG07, BDA\textsuperscript{+}18, CFC\textsuperscript{+}02, CFMR95, DYN\textsuperscript{+}06, DAK98, EFR\textsuperscript{+}05, ES11, FH97, FD04, FHS99, FSXZ14, FJBB\textsuperscript{+}00, FHPS94a, FHPS94b, FHP\textsuperscript{+}94, FHP\textsuperscript{+}95, Fra95, FWQ\textsuperscript{+}95, GL95d, HSMW94, HMKV94, Heb93, JF95, KB98, KAC02, KHS01, KMH\textsuperscript{+}14, LC97b, MP95, MW93, MABG96, NMW93, WZWS08, XH96].
WH94, WPC07, YGH+14, YWO95, ZZG+14, ACGdT02, AS92]. **Implementation**
AAA16, AAC+05, ADLL03a, ADLL03b, AB93b, BR91, BvdSvD95, BR95b, Ber96, BCCR99, BK96, BCK+09, BS01, BS05, Bor99, BRR99, BS96b, BDV03, Bri95, BB00, BAS13, CDZ+98, CECS07, CG99a, CdGM96, CBHH94, CD96, DSW96, DS96a, DL10, DDB+16, DSOF11, DM12, FFB99, FWNK96, FG+98, FCS+19, GCC99, GG99, GG09, GÁVRL17, GL92, GL94, GLDS96, GL97c, GT07, GkLyCY97, HBT95, HCL05, HS95b, ITT99, IvdLH+00, JRM+04, JC96, KY10, KTF03, KBVP07, KL95, KVGH11, KNH+18, KB13, Lee12, LC07, LYI919, LO96, MMD+16, Man94, MAIVAH14, MS95, MSZG17, ON12, OKW95, OA17, OGM+16, PHJ11, PR94a, PTW99, PCS94, Ram07, RRFH96, Sep93, SZBS95b, SCL97, Sto98, SNMP10, Sur95b, Swa01, SL95, TKP15, TPD15, TS12b, TA14, TCP15, Tsu95]. **Implementation**
TVV96, VDL+15, VGRS16, VM95, Was95a, WMRR17, WRMR19, YPA94, ZLS+15, dh94, diAMCFN12, van93].

**Implementations**
[AKK+94, Ano01a, ACMR14, AJF16, BM00, BS07, BEG+10, BF94, Gro02b, kLCC+06, LCW+03, Mar02, ORA12, Sap97, TSCM12, TGE09, VSO0, WT12, ZDD97, CLS07, ER12, ED94, GML+16, ICC02, KWE18, MKP+96, NN95, Pri14, RLFs13, WLK+18, WT11, YCL14]. **implemented**
[BBDH14, EP96]. **Implementing**
[DP97, Fin04, Fin95, GL95b, HB96a, HB96b, LRT07, MMH98, MS99c, MSB97, SSC96, SS99, SMTW96, SGHL01, SCC95, Tra02a, Wi93, BWT96, LHZ97, YX95].

**Implementor** [GL95b]. **Implicit**
[LHCW05, MS02b, NA01, SGHL01, Bjo95, TSP95, WADC99]. **Importance**
[BCG+10, PCY14]. **Importance-Driven**
[PCY14]. **Improve**
[KBS04, SKH96, Tha98, GK97, RHG+96]. **Improved**
[Trä02b, MMO+16, diAMCFN12]. **Improvements**
[DPSD08]. **Improving**
[CGZQ13, DZ96, DCPJ12, DCPJ14, GSV+13, HE02, IRU01, KH12, KKR02b, LB98, MK97, PTG13, RSC+15, SM12, SCL00, XF95, CZ96, JK+13]. **in-house**
[DLZ+11]. **In-Memory**
[CLOL18, ZL17, CRM14, HSP+13]. **In-Place**
[LT16, HSE+17, PSHL11]. **Including**
[BWW+12, GLT12]. **incompressible**
[BCM+16, Lou95, RM99, TS12b]. **Incorporating**
[LM94, LYZ13, TP15]. **Incremental**
[dOSMM+16]. **Indefinite**
[YK+18]. **Independent**
[BCL00, BRU05, BDA+18, CSW12, CDMS15, DiN96, MV17, YBLZ03]. **Index**
[DALD18, LAL16]. **Index-Digit**
[DALD18, LAL16]. **Indexers**
[Wal01a]. **Indexers/Crawler**
[Wal01a]. **Indexing**
[LTR00]. **India**
[CGB+10, IE96a, Kum94, PBPT95]. **indicator**
[FSV14]. **Industrial**
[BPMN97, DHK97, ALR94, ABCI95a, ABCI95b, BT96, EKTB99, Was96, Kon00]. **industries**
[Ano93a]. **Industry**
[DM98, Ano94f]. **Industry-Standard**
[DM98]. **inefficiency**
[HMW12]. **Inertial**
[Str97]. **Infer**
[VBB18]. **Inference**
[LAdS+15, TVCB18]. **Infiniband**
[SHWP05, LCW+03, LVP04, LWP04, PK05, PRS16, SPK+12, ZLP17]. **Infiniband-based**
[PK05]. **inflation**
[OdSSP12]. **influence**
[Gra97]. **Information**
[Ano98, CGB+10, Ano93c, CG99b, Gro19, MMM99, WADC99, PSB+94]. **infrastructure**
[GFIS+18, WLR05]. **infrastructures**
[GWVP+14]. **Initial**
[LLH+14, VDL+15, AL96, LSR95]. **Initiated**
[SSB+05]. **initiatives**
[Sun95]. **Initio**
[SSGF00, SEC15]. **Injection**
[RRAGM97, SAL+17]. **Inn**
[IE93c]. **Innovation**
[ACM03]. **Input**
input-aware [SHM+12]. Input-Output [CF+94]. Input/output [JWB96]. Inspect [BPMN97, DLLZ19], inspired [NEM17, TBD00]. instances [RBAI17, ZLZ+11]. Institute [Old02, TG94]. Instrumentation [MVY95, Yan94]. Insurance [PZ12]. Integer [ASA97, CF01, WLC07, ZC10, BHJ96, KVGH11]. Integrate [GLRS01]. Integrated [CFDL01, DGMS93, HKN+01, KSV01, WL96a, DF17, HK10, KW14, VDL+15, WWZ+96, WL96b, XWZ+96]. Integrating [BCLN97, CM98, Fin00, GJP01, KJA+93, KAHS96, WL94, STP+19, WFTO14, TWFO09]. Integration [CGC+11, CSW97, FD96, FB94, MAIVAH14, Sei99, AL96, CSW99, KB13, RMS+18, RBB15]. Interface [GLT99, GLS99, GLT00a, GL04, Han98, IBC+10, KTF03, KKD05, LK10, MSL96, RRFH96, SWHP05, SL95, SWL+01, TGT05, YGH+14, Ano95c, Ano96b, Ano00b]. InterfaceArchitecture [Sei99]. Interfaces [MGC12, Wit16, FCS+19, RJDH14, Trâl2a]. Interfacing [Lus00, PL96]. interference [ZJDW18]. Intergroup [KTAB+19]. Intermediate [BCFK99, BC19a, BDH+97, CHD07, Cer99, CGH94, CDN11, DFKS01, DHWH92, DHWH93a, DBK+09, FFKC96, FSLS98, Gle93, GLS94, GL95c, GLDS96, GLT00b, HDB+12, HRSA97, KS95, KGRD10, KKDv03, KKD04, LKD08, LkLC+03, LW97, MP98, MS98, MS98, MBS94, MMSW02, MTW06, PS01b, RW09, SSL97, TBD00, TW01, TBD12, WD96, Wer95, YHGL01, Ada98, AD98, Ano93e, Ano94d, BB+94, BBCR99, Bru95, BDW97, BK00, BR94, CFKL00, CFF+96, CD01, CG99b, DKD05, DBB+16, DS96b, DLM99, DPK00, DLO03, GRW+19, HPY+93, HHK+19, HRR+11, KOB01, KSJ96, KBHA94, Kra02, NS91, Pie94, PR94a, RMS+18, SL94a, SW95, SDV+95, VM95, WaI94a, WaI94b, ZW13, ZKRA14, AMHC11, BC14, BBH+06, BRU05, BDH+95, C0t04, DDK08, DiN96, FKS96, FGT96, FGG+98, GGHL+96]. Interconnect [BRU12, SJ02, BWT96, SWS+12, TBD96]. Interconnected [Hus00]. Interconnecting [MC98]. Interconnection [MANR09, SB95, AVA+16]. Interconnects [RA09]. Interface [Ano93d, Ano01b, BCFK99, BC19a, BDH+97, CHD07, Cer99, CGH94, CDN11, DFKS01, DHWH92, DHWH93a, DBK+09, FFKC96, FSLS98, Gle93, GLS94, GL95c, GLDS96, GLT00b, HDB+12, HRSA97, KS95, KGRD10, KKDv03, KKD04, LKD08, LkLC+03, LW97, MP98, MS98, MS98, MBS94, MMSW02, MTW06, PS01b, RW09, SSL97, TBD00, TW01, TBD12, WD96, Wer95, YHGL01, Ada98, AD98, Ano93e, Ano94d, BB+94, BBCR99, Bru95, BDW97, BK00, BR94, CFKL00, CFF+96, CD01, CG99b, DKD05, DBB+16, DS96b, DLM99, DPK00, DLO03, GRW+19, HPY+93, HHK+19, HRR+11, KOB01, KSJ96, KBHA94, Kra02, NS91, Pie94, PR94a, RMS+18, SL94a, SW95, SDV+95, VM95, WaI94a, WaI94b, ZW13, ZKRA14, AMHC11, BC14, BBH+06, BRU05, BDH+95, C0t04, DDK08, DiN96, FKS96, FGT96, FGG+98, GGHL+96]. Interface [GLT99, GLS99, GLT00a, GL04, Han98, IBC+10, KTF03, KKD05, LK10, MSL96, RRFH96, SWHP05, SL95, SWL+01, TGT05, YGH+14, Ano95c, Ano96b, Ano00b]. InterfaceArchitecture [Sei99]. Interfaces [MGC12, Wit16, FCS+19, RJDH14, Trâl2a]. Interfacing [Lus00, PL96]. interference [ZJDW18]. Intergroup [KTAB+19]. Intermediate [SML17]. internal [BBH+15]. International [ACM94, ACM96b, ANS95, Abr96, ATC94, AGH+95, Ano93a, Ano94a, Ano94e, BPG94, Bos96, BFMR96, Cha05, CZG+08, CGKM11, CMMR12, CGB+10, CH96, DSM94, DW94, EV01, EdS08, ERS95, ERS96, EIJ92, Gat95, GA96, GT94, Ham95a, HAM95b, HS95a, HS94, Hol12, IEE93c, IEE93b, IEE94d, IEE94g, IEE95b, IEE95c, IEE95a, IEE95k, IEE95i, IEE95f, IEE95l, IEE96a, IEE96f, IEE96d, IEE97b, IEE97c, IEE05, Kum94, LCK11, LF+93a, Lev95, LHHM96, Lih96, MMH93, MCdS+08, MdSC09, Nar95, Ost94, PW95, PBF+95, PBP95, Ree96, R+92, SHM+10,
Sie94, Sil96, SM07, Tou96, VW92, Vo93, Vos03, Was96, YH96, ACM97a, AH95, BS94, DMW96, FR95, GH94, JPT94, LCHS96, Mal95, ZL96, Ano93b, HHK94, Sch93, \textit{Internet} [NE98]. Interoperabilität [GBR97]. Interoperability [BoFBW00, Don06, PLR02, SIC++19, CPM+18, GBR97]. Interoperable [Rab98, MSL12, YBMCB14].


Inversion [ACMR14, Kan12]. Investigating [GMdMBD+07, Ros13]. investigation [PHW+13]. Invisible [Wis97]. Invited [Gei93a]. IO [AHP01, BIC+10, CGC+02, CFF+96, DL10, FGRD01, FWNK96, FSL98, LRT07, LGG16, PSK08, PTH+01a, PTH+01b, SW12, Sto98, TGL02, ZZ04]. IO/GPFS [PTH+01a]. IOMMU [YWC15]. IOV [YWC15, ZLP17]. IP [CCAO00]. IPCC [SC95]. IPPS [IEE96e]. IR [ZJDW18].

Ireland [LKD08]. IRREGULAR [FR95, BMR01, Cza02, Cza03, BL99, HASnP00, LOHA01, MR96, NP12]. irregularly [FR95, Smi93b]. ISA [Wit16]. ISBN [Che10, SD13]. ISBN-13 [Che10]. ISCA [Ano94e, YH96]. Ischia [ACM06b]. Iserver [SHH94a, SHH94b]. Iserver-OcCam [SHH94a, SHH94b]. Ising [AL93, KO14]. Isolating [Lus00]. Isosurface [PCY14]. ISPAN [HHK94]. Israel [DSM94, IEE96h]. Israeli [IEE96a]. ISSAC [Lev95]. ISSN [Ost94]. Issue [AM07, BDB+13, BC00, GSA08, MPI98, BC19a, CHD09, DKO07, GT19, Mar02, Old02]. Issues [BDT08, FD02a, KGK+03, MW98, Pan95b, PS01b, ZDD97, ArvW03, EGH99, FD02b, HHA95, PBK99]. Italy [CMMR12, CH96, DKO05, DKO07, D+95, DLO03, HS95a, IEE95b, KG93, OL05, ACM06b, Ano93b, CLM+95, DR95, Si96].

Iteration [HF14a, HF14b, OGH19]. iterations [Lou95, YST08]. Iterative [CCSM97, DK06, NO02b, N003, SC04, ADDR95, EDSV09, LSR95, MGG05, NO02a, N003a, NO03b, OMK09, dH94]. Ithaca [PBG+95, Ree96]. IV [SPH95]. IWOMP [CGZ+08, CGK11, CMMR12, Eds08, MCD+08, MDC+09, SHM+10]. IWPP [Kum94, PBPT95]. IWPP-94 [Kum94, PBPT95]. IWPP [Kum94]. IX [R+92].

Jack [Ano95b, Ano96a, Ano99a, Ano99b, Nag05, NMC95]. Jacobi [BBDH14, CGU12, LM99]. Janus [KBVP07]. January [ERS96, GE96, HS94, IEE95b, IEE96g, MM93, USE95]. Janus [GPJ01]. Japan [SHM+10, SPE95, HHK94, IFI95]. Jason [Che10]. Java [ACM98a, Ano97, BCFK99, BDY99, Bra97, BK00, BKO00, CGJ+99, CFK10, CLO03, DeP03, Fer98b, Fer98a, GSS99, KOB01, KBVP07, LRW01, MSS98, MG97, NE98, RAS16, SMS00, SZ99, TDB00, VGRS16, VGS14, WN10, WSC99, YC98, YHGL01].

large-message [AMC+19]. Large-Scale [AKE00, BWH+17, BZ97, FFPO3, MFPP03, SM03, WMC+18, WT12, BJS99, Svl99, AASB08, BCH+08, Che99, FME+12, LS10, MLA+14, PD11, RMMN+12, SIC+19, SC96a, TBB12, TOC18, WT11, WT13, ZWL13, ZA14].

large-sized [JLS+14].

Larger [NB96].

LargeScale [LAdS+15].

laser [EZBA16, WWZ+96].

Lastverteilung [Wil94].

Latency [Jes93a, Jon96, KBHA94, NCB+12, NCB+17, TBD96].

delay-tolerant [NCB+12, NCB+17].

Lattice [BBK+94, BMS94b, HLP11, SJK+17a, SJK+17b, BW12, BMS94a, CGK+16, GM18, Sai10, SVC+11, BLPP13, OTK15].

Launches [Ano03].

Layer [CSAGR98, HEH98, FK96a, BLPP13, dAMC11, dAMCFN12].

layered [DN96].

Layering [Hus01].

Layers [VZT+19, KC94].

Layout [WG17, BH+05, HP11, LDJK13, Str12].

Lazy [TCBV10].

Leaks [DLV16].

Learned [AKL16, Ada97, Boo01, BLW98, Coo95b, DHP97, For95, Gao03, Huc96, LZ97, MB18, MGMH97, MSB97, OKW+18, ZTD19, van97, BSN95, BKvH+14, BAV08, BRR99, CEGS07, DR18, Gra09, GFPG12, Jou94, LRLG19, MW98, MM11, OKW95, SCC96, SMSW06, dCH93, dH94].

Leather-based [FE17].

Least [PWP+16, VRS00, DK13].

Least-Squares [VRS00].

Lecture [Gei93a].

Lederman [Ano09a, Ano99a, Ano99c, Ano99b, Ano99d, Nag05].

Leeds [Abr96].

legacy [BR04, LP00, LRW01].

Lemon [DRUE12].

Lengths [GSHL02].

LEO [CCBPGA15].

Leonardo [Stp02].

Lessons [MWO95].

Level [AELGE16, BGG+15, BBC+00, CS14, CRGM14, DHHW92, DHWW93a, DDL00, GS91b, GAM+02, HA11, HKT+12, DK02, KCP+94b, KOW97, LVP04, LMRG14, NPP+00c, SHM+10, SBF+04, TS12a, TW01, XF95, BMPS03, CAWL17, CRM14, CRGM16, EPP+17, GGS99, HE15, HK09, Hos12, KCP+94a, wL94, LCMG17, LBB+19, LM13, MALM95, NS91, Nak05b, STY99, SCL97, SG14, SFLD15, YZ14, ZWZ05, ZZZ+15, BHH...13a].

levels [AML+99].

Leveraging [BBW19, HDB+12, NPP+00c, SHLM14, LFL11].

Lib [NPP+00d].

Libefp [KS15a].

Library [AKL16, Ada97, Boo01, BLW98, Coo95b, DHP97, EM02, HK01, For95, GFF+03, GS97, Gro02a, HB96b, ITK00, JPT14, KBG16, OD01, PLK+04, PS01a, RR02, Röt91, Saa94, SBG+02, Sta95b, SKH96, TD98, UT02, WN10, YKLD17, ZC10, Ada98, AMHC11, Arn95, CS95, CGG10, CCS19, Coo95a, DRUE12, DXB96, FB97, Fan98, FKK+96b, GDC15, GLM+08, GL94, HB96a, HLM+17, Har94, Har95, JKM+17, JC96, KS15a, KN95, LR06a, MSL96, PKB06, PS00b, RFH+95, SSC96, SH96, ZT17, CC95, McD96, Sun12].

Life [PZ12, Str94].

Lifting [vdLJR11].

Lightweight [CKmWH16, DT17, FLB+05, KMK16, TCM18, FS95, Ott93].

Like [BST+13, BK00, BK00, CGJ+00, KOB01, VGS14, CSS95].

Likelihoods [MSCW95].

LIME [DRUE12].

Limits [GB96, MBKM12].

Linda [Mat94, KS96, MSP93, BLP93, CSS95, Gal97, Mat95, TDB00].

Linda-like [CSS95].

Line [BoFBW00, CGS15, Wis98, Bor99].

Linear [ASA97, BD08, BG95, CDD+13, DGH+19, Gao03, Huc96, LLY93, LZ97, MB18, MGMH97, MSB97, YKW+18, ZTD19, van97, BSN95, BKH+14, BAV08, BRR99, CEGS07, DR18, Gra09, GFPG12, Jou94, LRLG19, MW98, MM11, OKW95, SCC96, SMSW06, dCH93, dH94].

Linear-scaling [Gao03].

linearization [MH18].

Lines [NE01, YULMTS+17].

Link [BGR97b, SJ02].

Linked [WJ12].

Linköping [FF95].

LINPACK [JNL+15].

Linux
[Sei99, SMTW96, USE00, SSSS97, Ano01a, 
GSM +01, MK04, OF00, PS07, PKB01, 
RsT06, Sei99, Slo05, SGL +00, YL09]. Linz 
[Kra02]. lipid [FHS09]. Liquid 
[DSS00, JLS +14, ZL18]. Lisbon [IEE93d]. 
LISP [ACM90]. List [Tra98, WJ12]. Lithe 
[PHA10]. Lithography [RDM99]. 
Liverpool [AD98]. LLVM [SML17]. Load 
[Ano94b, BKdSH01, BS05, DI02, DR95, 
DK60, GCB12, HE02, MM02, NP94, PT01, 
Pns5, SGS95, ST97, Wal01a, Bir94, 
CKO +94, DZ96, DLR94, DvdLVS94, 
EZBA16, FMBM96, FH97, GS96, Hum95, 
JH97, MM03, SCL97, SY95, Wil94]. 
load-balanced [EZBA16]. Local 
[BSG00, CDHL95, CCSM97, IKM +01, 
LLB +19, AMHC11, BY12, CGL +93, CM99, 
HJYC10, KKA +13, WR5Y16]. Locality-Aware 
[MJ95, HJYC10]. localization [HC08]. 
Locally [BHS +02]. Locating [PNV01]. 
Lock [ALB +18]. Lockheed [Str94]. 
Locking [kL11, CAW17, PKG +10]. 
Logging [BCH +03, LBB +19]. Logic 
[KI17, BJ95, KMC96, KMC97, POL99]. 
logical [TPLY18]. LogP [CKP +93]. 
London [EJ92, Ano93b, Ano94f]. long 
[dF00SR +19]. Look [HC16]. lookup 
[BJ13]. Loop 
[DM61, SHM +10, TJP12, AV18, SHLM14, 
WYLC12, WLYC12, YST08, YWC11]. 
Loops 
[AHD12, CLA +19, DSCL05, LOH01]. 
Loosely [Ada97]. Lop 
[RGDML16, RGDM15]. Louisiana 
[USE95, IEE96b]. Love [Dan12]. Love-Hate 
[Dan12]. Low [BGG +15, GGS99, Jon96, 
MC17, NE01, RLL01, Str94, GKL97, 
KBHA94, LZHY19, TBD96, ZRQA11]. 
Low-Bandwidth [NE01]. Low-Cost 
[RLL01, GKL97]. Low-Density [MC17]. 
Low-Level [BGG +15, GGS99]. Low-life 
[Str94]. low-overhead [ZLA]. LPVM 
[ZG98]. LSS [BCAD06, BADC07]. LU 
[AZ95, BRS92, BB18, LC97b]. Lugano 
[GT94]. Luminous [KNT02]. Lumsdaine 
[Ano99c, Ano99d]. Lusk 
[Ano95c, Ano99c, Ano00a, Ano00b]. 
Lustre [DL10]. Luther [ACM99]. Lyngby 
[DW94, DMW96, Was96]. Lyon 
[BFM96, FR95]. 
M [PBC +01]. M-SPH [PBC +01]. M6A 
[EM00a]. M6B [EM00b]. MA 
[Ano95b, Ano95c, Ano96a, Ano99a, Ano99b, 
Ano99d, Ano00a, Ano00b]. Machine 
[AS92, AGIS94, BJ93, BS93, 
CHD07, 0.91, FE17, Fis01, GBD +94, 
Gre94, KNT02, KKD03, KKD04, KKD08, 
MTWD06, Nov95, NMC95, Pat96, Per96, 
RWD09, TY14, VS00, Wei94, AD98, AL92, 
Ano95b, BR91, BDG +91a, BPC94, Bir94, 
BDLS96, BDW97, CARB10, CLM +95, 
Cav93, Cha96, Che99, CD01, CC00b, DM93, 
DK05, DLM99, DKP00, DLO03, FM90, 
KWEF18, KMC97, KSS +18, Kra02, LG93, 
MN91, MRH +96, NB96, Sch94, SK92, 
SCC96, SL00, TVC18, TW12, TWFO09, 
W009, WTO14, ARL +94, BG94b, JPP95, 
KKD05, LK10, QRG95, SSSS96]. 
machine-learning [WTOF09]. 
machine-learning-based [WTOF14]. 
Machines [BP99, BZ97, BCC +00a, BT01b, 
DR97, EGR10, GB96, GTS +15, HC10. 
MGL +17, ST99, SCSL12, ZWJ05, 
BGA +06, BSG99, BCC +00b, BBW19, 
BB95b, DDS +94, DCH02, GKRZ12, Hol95, 
KN95, PRLS16, SL94b, TSY99, TSY00, 
WPL95, ZWL13, Gc01, YC98]. made 
[MJPB16]. MAFFT [ZLS +15]. Magnetic 
[Y +93, PKE +10]. Magnetism [Y +93]. 
magnetized [CF019]. 
Magnetohydrodynamic 
[KT02, WWFT11]. Magnetostatic [BB93]. 
MagPle [KBH +99]. Main [Tou96]. 
maintaining [PKB01]. maintenance 
[ZDR04, ZDR01]. major [WLK +18]. Makes
Malleable [ZG95b, Str94]. Mambo [WZWS08]. Man [IEE95a]. Manageable [PKB01]. Managed [KCR +17, LB16, SYR +09]. Management [AJ97, ALB +18, AUR01, BGR97b, BGL00, EK97, FDG97a, FDG97b, GJR09, PPT96a, PS00a, SIS17, SY99, TMS +15, ARS89, DZ96, DF17, FLD96, GJM18, GL95a, JCP15, LF +93a, PPT96b, PPT96c, YWTC15]. manager [Sep93]. managers [FLD96]. Managing [FLD98, FGKT97, Liv00, NPS12, Obe96]. Manchek [Ano95b, NMC95]. Manipulation [KKV01]. Mantle [BB95b]. Manual [CSW12, NSLV16, Reu01]. Many [DT17, LZH17, LLC15, RB01, SXM +18, TCM18, YTH +12, ACMR11, AV18, BBC +19, VDL +15, dCZG06]. Many-Accelerator [SXM +18]. Many-Core [LZH17, TCM18, YTH +12, LLC15, ACMR11, AV18, BBC +19, KSG13, MBBD13, dCZG06]. Many-Cores [DT17]. Manycore [MJ15, DJJ +19, KGB +09]. Map [JPT14, FFM11, FJBB +00, MSCW95]. MAPA [JPL17]. Maple [Pet00a, Pet00b, Pet01]. Mapping [BB18, DDP +19, GAMR00, HC06, NTR16, RRL01, SPB +17, TSZ94, WO09]. ASAK19, DDLM95, EO15, GFST +18, HC08, TWF009, WCSS +13, WTK08a, WK08c, dCZG06, WK08b]. MapReduce [EADT19, JS13, MMM13, PD11, WZH16]. Maps [BM97, KRC17]. Marc [Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Nag05]. March [ACM95a, ACM06a, Ano89, Ano93c, Cal94, DKM +92, IEE93f, IEE94d, IEE95b, IEE97a]. Marine [LRL02], market [LF +93a]. Markov [BBH12, FK01]. Mariloz [GA96]. marshaling [CFKL00], MARTE [RGD13]. Martin [ACM99]. Maryland [IEE96c, SPH95]. MASA [dFDSR +19, SMM +16]. MASA-OpenCL [dFDSR +19]. MasPar [ARL +94]. Massachusetts [IEE94e]. masses [Cla98]. Massive [Sie92a, MALM95, OL +16]. Massively [BJ93, BHS18, BSZ94, IEE94a, IEE96c, KHBS19, KmWH10, Oed93, Sie92b, Sta95b, CS96, DR94, HYSC11, KN17, LCL +12, MYB16, RBB17, SRK +12, DSZ94]. massively-parallel [MYB16]. Master [FH98, EML00, LTR00, HP05]. master-slave [HP05]. Master-Workerproblem [FH98]. Master/Slave [LTR00]. Master/Worker [EML00]. Matching [GGC +07, KMM15, KS01, MM02, OWSA95, WH94, FLPG18, LFS +19, MM03, Qu95, YPZC95, YZPC95]. Materials [Y +93, PPS +94]. Mathematical [VZT +19, Wan97, Has95]. Mathematics [Whi04, ANS95]. MATLAB [BKGS02]. MatlabMPI [KA04, Kep05]. MATOG [WG17]. matrices [DR18, GG99, GSK17, Kan12]. Matrix [AKL16, BSvdG91, Cha96, DS13, Fu08, GK10, KK19, PMvdG +13, TQDL01, TD98, ART17, CMH99, EHR12, FAF16, FJZ +14, KPB16, PKD95, TPD15, XXL13]. Matrix-Free [KK19]. Matrix-Vector [AKL16, DS13, Fu08, XXL13]. Maui [ACM97a]. Max [Ano94c]. Max-Planck-Gesellschaft [Ano94c]. Maximal [BDA +18]. maximisation [CCU95]. maximum [HKO01]. Maxwell [And98]. May [ACM96b, ACM06b], AGH +95, BR95a, BS94, Cha05, DT94, EdS08, Gat95, HS95a, IEE95e, IEE95i, IEE95j, PR94b, SPE95, SW91, SS96, Van95]. Maydan [Stp02]. MBCF [MMH99]. MCA [WCS +13]. McDonald [Stp02]. MCHF [SYF96]. McLean [IEE94a, Sie92a, Sie92b]. MCNP [MW93, MK94, WH96]. MD [IEE02, TJP01]. mdb [DFK94a]. MDE [RGD13]. Means [TK16]. Measurement [BFW01, BFIM99, KRS99, Shin94, TMC09].
Measurements [IHvA +00, EFR +05, GL99].
MECCA [AC17]. mechanics [Bil95, MGG05, SL95]. Mechanism [CGLD01, KSV01, MH01, THS +15, TSS00b, Tra02a, HWX +13, SIRP17, ZRQA11, ZA14].
Mechanisms [Wal01a, CGBS +15, Ott93, TMT96].
Mechatronic [BD1995b, KDL +95a].
MeDA [VAT95]. mEDA-2 [VAT95]. media [EZBA16, MAIVAH14]. Medicine [GA96]. MEDINA [AC17]. medium [WLNL06]. medium-scale [WLNL06].
Meeting [AD98, Ano93f, CHD07, CD01, CDND11, DKD05, DLM99, DKP00, DLO03, GA96, KGRD10, Kra02, KKD04, LKD08, MC94, MTTW06, RWD09, TBD12, BDW97, JB96, SPH95, Ano92, CHD09].
mech-based [SDm10]. Meiko [FST98a, FST98b, Jon96].
Melia [WZHZ16]. Mellon [IEE94d]. Membership [MDM17].
Memory [Att96, BME02, BW +12, Bri10, BS07, BT01b, CLOL18, CLA +19, CSW97, CC99, DM98, DMB16, DR97, DHHW92, DHHW93a, EADT19, FB94, GB96, GC96, GSHLO2, GLRS01, HC10, HBB +12, HDT +15, HT01, JPL17, KB98, KS13, KSHS01, LSB15, Loo99, MB12, MRB17, MBE03, MMH98, MCDs +08, Mii02, NPP +00d, PBK00, Pok96, PMvdG +13, Ros13, SYT99, ST02b, SW91, Thg99, VSO0, VT97, WJA +19, ZL17, ZL18, ARS89, ABC95a, ABC95b, ADMV05, BCA +06, BML12, BSC99, BMG07, CBPP02, Cha05, CjvdP08, Cha96, CBHH94, CRM14, CC00b, DF17, DLR94, DBVF01, DPF19, DS96b, DHHW93b, DP297, EV01, FS14, FHB +13, GCL +10, GBH14, GBH8, GKK09, GL96, GL97c, GP95, HSP +13, HGMW12, HDB +13, HK09, JCL7, JNE5, KN95, KAJ +93, KC06, LKL96, MLC04, NAJ99, NAAL01].
memory [OLG +16, PK05, PS00b, RS19, RGD015, SSH08, SHH01, SL94b, SBB +12, SYR +09, SFL +94, SSC96, SPL99, SD16, TSY99, TSY00, THDS19, Uhl95a, Vos03, Wal94a, Wal94b, WPL95, WK08a, WK08b, WK08c, WBS17, WMRR17, WMR19, YX95, LBD +96, GKK7, SG05].
Memory-access-aware [CLA +19].
Memory-Based [MMH98]. Memory-Divergent [WJA +19]. Memory-Efficient [MRB17].
memory-level [HK09]. Memory-Oriented [ZL18]. Memory/Message [ST02b].
MemTo [GSS +01]. MemTo [ST98a, ST98b, Jon96].
Melia [WZHZ16]. MemTo [EE94d].
Membership [MDM17].
Memory [Att96, BME02, BW +12, Bri10, BS07, BT01b, CLOL18, CLA +19, CSW97, CC99, DM98, DMB16, DR97, DHHW92, DHHW93a, EADT19, FB94, GB96, GC96, GSHLO2, GLRS01, HC10, HBB +12, HDT +15, HT01, JPL17, KB98, KS13, KSHS01, LSB15, Loo99, MB12, MRB17, MBE03, MMH98, MCDs +08, Mii02, NPP +00d, PBK00, Pok96, PMvdG +13, Ros13, SYT99, ST02b, SW91, Thg99, VSO0, VT97, WJA +19, ZL17, ZL18, ARS89, ABC95a, ABC95b, ADMV05, BCA +06, BML12, BSC99, BMG07, CBPP02, Cha05, CjvdP08, Cha96, CBHH94, CRM14, CC00b, DF17, DLR94, DBVF01, DPF19, DS96b, DHHW93b, DP297, EV01, FS14, FHB +13, GCL +10, GBH14, GBH8, GKK09, GL96, GL97c, GP95, HSP +13, HGMW12, HDB +13, HK09, JCL7, JNE5, KN95, KAJ +93, KC06, LKL96, MLC04, NAJ99, NAAL01].
Message [AD98, Ano93f, CHD07, CD01, CDND11, DKD05, DLM99, DKP00, DLO03, GA96, KGRD10, Kra02, KKD04, LKD08, MC94, MTTW06, RWD09, TBD12, BDW97, JB96, SPH95, Ano92, CHD09].
message [FB94, GR97, LB97, LC97b, LSB15, Loo99, MB12, MRB17, MBE03, MMH98, MCDs +08, Mii02, NPP +00d, PBK00, Pok96, PMvdG +13, Ros13, SYT99, ST02b, SW91, Thg99, VSO0, VT97, WJA +19, ZL17, ZL18, ARS89, ABC95a, ABC95b, ADMV05, BCA +06, BML12, BSC99, BMG07, CBPP02, Cha05, CjvdP08, Cha96, CBHH94, CRM14, CC00b, DF17, DLR94, DBVF01, DPF19, DS96b, DHHW93b, DP297, EV01, FS14, FHB +13, GCL +10, GBH14, GBH8, GKK09, GL96, GL97c, GP95, HSP +13, HGMW12, HDB +13, HK09, JCL7, JNE5, KN95, KAJ +93, KC06, LKL96, MLC04, NAJ99, NAAL01].
memory [OLG +16, PK05, PS00b, RS19, RGD015, SSH08, SHH01, SL94b, SBB +12, SYR +09, SFL +94, SSC96, SPL99, SD16, TSY99, TSY00, THDS19, Uhl95a, Vos03, Wal94a, Wal94b, WPL95, WK08a, WK08b, WK08c, WBS17, WMRR17, WMR19, YX95, LBD +96, GKK7, SG05].
Model-Based [AP96, LGG16].

Modeling [ACM96a, ATM01, BS07, CSC96, CDM93, FST98a, GAM02, MOL05, NM95, RGDM15, Rot19, SEF16, TD99, VFD02, WJA19, WMC18, XH96, AC07, BDP10, JL18, KM10, KME09, KEGM10, LZHY19, MS99a, WT13, XXL13, YMYI11].

Modelling [FST98b, GC05, Ham95a, KDL95a, MSML10, QCJC17].

Models [AKK94, BS93, BZ97, CMK00, Cer99, CNM11, DK06, EMO93, ESM94, GJN97, PPF89, SS01, SMOE93, SYL919, BB95a, CH96, AC07, BDF10, BB95b, JL18, KMI09, KME10, LV12, MCB05, Nes10, RSBT95, RAII17, STP19, SYR90, Wal00, WB12, WSB17].

moderate [Uhl95a].

Modern [AHHP17, DARG13, KDT12, LNK15, SM07, HH14, PMZM16].

modes [WZWS08].

Modified [Riz17, GP95, KD12].

Modulator [CT02, HPP02, FWS17, HLM17].

modulator [WWZ96].

modulator/DFB [WWZ96].

Module [Ano98].

Modules [AKK94, DS96b].

modules-design [DS96b].

Molecular [ABC96, BST13, BCGL97, BL95, BS07, DR97, DI02, KBM97, LFAA15, MH01, SA93, YWCF15, ZB94, BvdSvD95, BBK94, BMPZ94b, BMPZ94a, CC00b, DCD14, Dab19, FHS09, HHS18, JAT97, MSA14, KF96, KRG13, LSVMW08, OKM12, PAB14, SL95, VGP19, ZWL13].

molecule [ART17].

Moller [BI95, KN17].

MONC [BBW99].

Monito [SGL70].

Monitor [KRS99, WH94].

Monitoring [AH00, BCLN97, Beg93b, BFM96, BMF16b, CD98, DBK09, GSN01, IADB19, LY93, LW97, MWM97, MVY95, SGL10, UP01, Wis98, Wis01, YN94, Beg92, Beg93a, BB94, BS96a, BMF16a, FLB10, LC07].

Monodomain [ORA12].

Monona [ZL18].

Monte [HJBB14, RF95, WH96, ADRC98, AK99, DAK98, NLSM16, RR00, SK00, SKM15, ZZ04].

Monterey [Ano89, GA95, USE94].

Montpellier [DE91].

Montréal [Lev95].

MOPS [GJN97].

Morehouse [AGH95].

Morgan [SD13].

Morphable [ZL17].

morphology [VLSPL19].

Morton [LZH18].

MOSIX [BBGL96].

motif [FMS15].

motitors [SKM15].

movement [MV17].

Moving [HAA11, LSG12].

MPE [GKL95, KFA96].

MPEG [NU05].

MPEG-4 [NU05].

MPI [ARYT17, AD98, Ano95a, Ano99a, Ano99c, Ano99b, Ano00a, Ano00b, BWD97, CHD07, CHD09, CD01, CNDN11, DKD05, DLM99, DPK00, DLO03, GB07, GEW98, IEE96i, JMS14, KGRD10, Kra02, KKD04, LKD08, MTW06, Nag05, Pe07, PS01b, RW09, ROVGRP12, ST02a, TDB00, TBD12, Vre04, WSN99, YM97, ST02b, ACGrD02, AKB19, Ada07, Ada08, AC07, ACH11, APJ16, AASB08, ART17, ATM01, AG97, AK99, ABF17, AH01, ACMZR11, ALW15, ALB18, ADL03a, ADL03b, And98, FH98, AVA16, Ano93e, Ano94d, Ano98, Ano01a, Ano03, AKE00, AKL99, AJF16, AIM97, ADR105, AHH17, AMC19, Bad16, BV99, BCMR00, Bak98, BF98, BC99, BB010, BCG10, BBG11, BGBP01, BBS99, BBG14, BA06, BCD06, BADC07, BGR07a, BKGS02, Ben01, BW12, BV12, BKH13, BIL99].
MPI

[BIC05, BP98, BF01, BCCR99, BBDH14, BK96, BKdsH01, Bha98, BiDA94, BHS^+95, BHS^+02, Bis04, BBH...13a, BBH^+13b, BDB^+13, BIC^+10, BR04, BCM^+16, BTC^+17, BM00, Boo01, BBC^+02, BCH^+03, BHK^+06, BBC^+99, BBC^+00, BS96b, BMR02, Bri02, BRM03, Bri10, BMPS03, BS07, BBW19, BD98, Bru95, BDH^+95, BDH^+97, Bri12, BHW98, BFBW01, BFR99, BGL^+08, GL29, GL94, GL95a, GL95b, GLK95, GL95c, GL96, GLDS96, GL97c, GL97b, GLH^+98, GL99, GLT99, GLS95, Gro00, GLT00b, GLT00a, Gro01a, Gro01b, Gro02a, GL02, Gro02b, GT07, GL12, Gro19, GPC^+17, GC05, GSY^+13, Gua16, H98, Hc10, Har94, Har95, HL17, Hat98, HO14, HD02b, HE02, Hen94, H96, Hen96, HR97, H99, HEH98, HGMW12, HMK99, HPS^+12, HPS^+13, Hin11, HRR^+11, HDB^+12, HDB^+13, HDT^+15, HKN^+01, HMS^+19, HLOC96, HKT^+12, HV5C11, HW^+13, HM01, HCA16, HG12, HcF05, Hus98, Hus00, Hus01, HWW97, IDS16, IRU01, ITK00, ICC02].

MPI

[DW02, DLM^+17, DZ98b, Dem96, DPP01, DJJ^+19, DLB07, DSW96, DS96a, DRUE12, DKD07, DB02, DL10, DCPJ12, DCPJ14, DPFT19, DAK98, DGG^+12, DGB^+14, DDB^+16, HD02a, DXB96, DSW95, DCH02, DBK^+09, EZBA16, EGH99, EDS09, ES11, FH97, FD96, FGD97a, FGD97b, FLD98, FD00, FBD01a, FBD01b, FGRD01, FBVD02, FD02a, FD02b, FD04, FCLG07, FB95, FB96, FGH97, Fon98, FP98, FA18, FFB99, FNSW99, FTVB00, FFP03, FLPG18, FSM15, FHK01, FKH02, FSC^+11, FCS^+12, Fly97, Fon94, Fon95, FWNK96, Fin00, FBL^+05, FC05, FST98a, FST98b, FJK^+17, FKK^+96b, FKK96a, FG97, Fos98, FHPS94a, FHPS94b, FHP^+94, FHP^+95, Fru95, FWR^+95, FKB08, FBSS01, FLS98, FCS^+19, GBR07, GFD03, GFD05, GDC15, GV^+18, GGGC99, GGCM99, Gao03, GB15, GCC98, GCC99, GGB12, GGH^+96, Ge000, GR07, GGL^+08, GJR09].

MPI

[GS97, GBH14, GBH18, GGS99, GR95, GLB00, GR^+19, Gle93, GM13, GJM18, GT01, GBH99, GFIS^+18, GHZ12, GÁVRR17, GRRM99, GMAR00, GKS^+11, GB98, GMPD98, GPL^+96, Gra97, GEW98, GBS^+07, GLM^+08, GL29, GL94, GLS94, GL95a, GL95b, GLK95, GL95c, GL96, GLDS96, GL97c, GL97b, GLH^+98, GL99, GLT99, GLS95, Gro00, GLT00b, GLT00a, Gro01a, Gro01b, Gro02a, GL02, Gro02b, GT07, GL12, Gro19, GPC^+17, GC05, GSY^+13, Gu16, H98, Hc10, Har94, Har95, HL17, Hat98, HO14, HD02b, HE02, Hen94, H96, Hen96, HR97, H99, HEH98, HGMW12, HMK99, HPS^+12, HPS^+13, Hin11, HRR^+11, HDB^+12, HDB^+13, HDT^+15, HKN^+01, HMS^+19, HLOC96, HKT^+12, HV5C11, HW^+13, HM01, HCA16, HG12, HcF05, Hus98, Hus00, Hus01, HWW97, IDS16, IRU01, ITK00, ICC02].

MPI

[DW02, DLM^+17, DZ98b, Dem96, DPP01, DJJ^+19, DLB07, DSW96, DS96a, DRUE12, DKD07, DB02, DL10, DCPJ12, DCPJ14, DPFT19, DAK98, DGG^+12, DGB^+14, DDB^+16, HD02a, DXB96, DSW95, DCH02, DBK^+09, EZBA16, EGH99, EDS09, ES11, FH97, FD96, FGD97a, FGD97b, FLD98, FD00, FBD01a, FBD01b, FGRD01, FBVD02, FD02a, FD02b, FD04, FCLG07, FB95, FB96, FGH97, Fon98, FP98, FA18, FFB99, FNSW99, FTVB00, FFP03, FLPG18, FSM15, FHK01, FKH02, FSC^+11, FCS^+12, Fly97, Fon94, Fon95, FWNK96, Fin00, FBL^+05, FC05, FST98a, FST98b, FJK^+17, FKK^+96b, FKK96a, FG97, Fos98, FHPS94a, FHPS94b, FHP^+94, FHP^+95, Fru95, FWR^+95, FKB08, FBSS01, FLS98, FCS^+19, GBR07, GFD03, GFD05, GDC15, GV^+18, GGGC99, GGCM99, Gao03, GB15, GCC98, GCC99, GGB12, GGH^+96, Ge000, GR07, GGL^+08, GJR09].
MvWL+10, NAW+96, NO02b, NO02a, Nak05a, Nak05b, NSBR07, NE98, NE01, Nes10, NISS12, NH95, NCB+12, NCB+17, NAJ99, NW98, Nit00, NHT02, NHT06, NFG+10, NN95, OM96, OLG+16, OKM12, OIS+06, OD01, OF00, Ong02, OP98, OL05, OGM+16, OMK09, Pac97, PARB14, Pan14, PK98, PES99, PLK+04, PSK08, PDY14, PS00a, PS01a, PHJM11, PTL+16, Perf99, PZ12, PKG+10, PFG97, PLR02, PGAB+05, PGBF+07, PGAB+07, Pla02, PD11, PSSS01, PS00b, PTH+01a, PTH+01b, PS00b, Ptw99, Qbl12, Rab98, Rab99, RDMB99, RR01, Ram07, RSRT95].

MPI [RMS+18, Ran05, RA09, RAS16, RCFS96, RBB97a, RBB97b, RBB97c, RSPM98, RTH00, RH01, Ruo01, RST02, Ruo03, RGDM15, RGDM16, RGGP+18, RNP13, RPM+08, Rö00, Rol08b, RS06, RSC+19, RFRH96, RGC+99, RTRG+07, SE02, SCB14, SCB15, SPM+10, SSB+05, Sap07, SSB+16, SDJ17, Sgh12, SFB+04, SCJH19, SW12, SBG+02, SG05, Ser97, Sso1, SWS+12, SG12, STY99, SM02, SM03, SC19, SPH+18, SP09, SZ11, SC04, SSC96, SS99, SIC+19, SZBS95a, SZBS95b, SDN99, SvL99, SJ02, SW9j5, SntW96, SH96, SDB94, SLG95, SDV+95, SP9h6, SlO5, SVC+11, SK00, SB01, SOH+96, SOH+98, Sn18, SHHC18, SSL07, Squ03, Ste97, Sto98, SU96, Str96, SRS+19, Sum12, Sn01, Swa01, TOTH99, TAH+01, Tsy99, Tsy00, ThDS19, Tkp15, Th98, TgL02, TG09, TgLk19].

MPI [TPLY18, TD99, TOC18, Tra98, ThrZ99, TRH00, Tra02, Tra02a, Tgt10, Tra12a, Tra12b, Tmpl01, Tfgm02, Tsu07, TffZ22, Uty02, UARG12, VF0D0, VlSPL19, VSO0, VPS17, VRSC94, VRSC95, VGRS16, VdS00, Vp00, VVd+09, WH96, Whl95, WO95, Wal96a, WD96, WO96, Wal01a, Wal01b, Wal00, WC09, Wln03, Wln10, Wer95, Wst95, Wh04, WLR05, WWZ+96, Wis98, WB96, WM01, WADC99, Wor96, Wra02, Wcs99, WT11, Wylc12, WT12, Wlyc12, WT13, Wmp14, Xh96, Xlw+09, Ym97, Yl09, Yhl11, Ywc11, Ycl14, YRmcb14, Ypae09, Yth+12, Ysp+05, Zal12, Zz04, Zlz+11, ZwZ05, Zlp17, ZjdW18, Zll+12, Zz95, ZsnH01, Zkra14, Zal12, bT01a, dlAmcf12, Kh96, Mar06, Ym97, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d].

MPI-1 [SoHl+98].

MPI-2 [Ano99c, Ano99d, Ano00a, AkL99, BCAD06, Bhs+02, CwCW+11, Cd96, Dps08, Gfd03, Ggh+96, Gt01, Ghh+98, Glt9, Glt00b, Glt00a, HgMw12, Lsk04, Ms02a, Mk04, Ps00a, Ss99, Ssl07, Trh00, bT01a, Badc07].

MPI-3 [Fcs+19, Gbh14, Gbh18, Glt12, Hdt+15].

MPI-ACC [Apj+16].

MPI-Based [Ada97, Fsc+19, Gbh14, Gbh18, Glt12, Hdt+15].

MPI-CHECK [Lcc+03].

MPI-CUDA [Dr18, DlAmcf12].

MPI-DDL [FB97].

MPI-Delphi [AcGdT02].

MPI-driven [Hin11].

MPI-F [Fhps94b, Fhp+94].

MPI-FT [Lnf+00].

MPI-Glue [Rab98].

MPI-Hybrid [Cgc+11].

MPI-I [Ir01, Tsu07].

MPI-I/O [Ir01, Tsu07].

MPI-Interoperable [Ybmbc14].

MPI-Io [Bic+10, Cgc+02, Cff+96, Dl10, Fwnk96, Fsls98, Lrt07, Lgg16, Ps08, Pth+01a, Sw12, Sto98, TgL02, Zz04].

MPI-Io/Gpfs [Pth+01a].

MPI-Lapi [Bgp01].

MPI-Level [Lv04].

MPI-Like [Cgj+00].

MPI-Only [Ls10].

MPI-Opencl [Jnl+15].

MPI-OpenMP [Ms02b].

MPI-Paralleled [Kmg99].

MPI-Performance-Aware-Reallocation [Gfis+18].

MPI-StarT [Hus98].

MPI-The [Ano99c, Ano99d].

MPI-Thread [Ids16].

MPI-Umgebung [Gbr97].

MPI/Cuda [PhjH11].

MPI/Gamma [Ccc00a].

MPI/GPU [EzbA16].

MPI/Gpu-Code

44

[BBC+99]. Nests [DMB16]. Net
[CNM11, NE98, NE01, PES99].

Net-Console [PES99]. Net-dbx
[NE98, NE01]. netCDF [LkLC+03].

Netherlands [DSZ94, Ano93f, Van95]. Nets
[Sou01, Str94]. Network
[ACM98a, AR01, BDG+91b, BDG+93a,
BCKP00, CZ95a, CDHL95, CSC96, DM95b,
DM95a, DBA97, DFMD94, DGM93,
DGMJ93, EK97, Fis98a, Fis01, GS91b,
GS92, Gei93a, GSxx, ITT02, LB98,
LH95, MSCW95, MANR09, OF00, OWSA95,
TW01, VZT+19, AL92, AH95, AVA+16,
BDG+92a, BDG+92e, BSvdG91,
BJ95, Bon96, BBK+94, BID95, BFM96,
Coe94, CLLASPDP99, Fis98a, GS91a,
Gei93b, GM94, HS93, KMC97, KA95,
LB98, LHD+94, LHD+95, MKC+12,
MKC+14, MRH+96, POL99, PR94c,
PT99, Rag96, SEC15, SPK+12, TSS98,
YS93, ZPLS96, GK97]. Network-Balancing
[DBA97].

Network-Based
[BDG+91b, GS92, BDG+92a, IM95].

Network-Specific [DM95b, DM95a].

network-topology-aware [SPK+12].

Networked [FGKT97, GBD+94, Nov95,
NMC95, Per96, Ano95b, BID95,
BMPZ94b, BM94a, BMPZ94a, GM94,
HS93, RR+99]. Networking
[ACM97b, ACM98b, ACM00,
ACM04, ACM05, Hol12, LCK11,
CJNW95, Cun95, DM95b, DM95a,
DG95, DZ98a, LHL95, LHD+94,
LHD+95, MKC+12, MRH+96,
POL99, PR94c, PT99, Rag96,
SEC15, SPK+12, TSS98, YS93,
ZPLS96, GK97]. Network-Balancing
[DBA97].

Non-blocking
[HTA08, FH98, BID+98, STP+19].

Non-Contiguous [WTR03].

Non-Data-Communication
[BCG+10]. Non-dedicated [WLN06].

Non-Local [CCSM97]. Non-iterative
[OMK09]. Non-linear [MW98, OKW95].

Non-local [CCSM97]. Non-persistent
[Man01]. Non-singleton [TVCB18].

Non-stop [Gua16]. nonaligned [AGIS94].

Non-contiguous [JDB+14, TGL02].

Non-determinacy
[DKF93]. nondeterminism [Obe96].

Nondeterministic [KSV01, CRD99].

Nonlinear
[Car93, ZB97, CEGS07, Jou94].

Nonnegative [KBP16]. nonsymmetric
[dH94]. Nordic [FF95]. Norfolk [Sin93].

Normalized [Gra09]. North [CNW95].

Note [BR02, SGHL01]. Notre [IEE96i].

Novel [DDYM99, GKK99, MVS16, MSL12].

November [ACM96, ACM97, ACM98b,
ACM99, ACM00, ACM01, ACM03, ACM04,
ACM05, Ano94c, ACDR94, BDW97, GN95, HK95, Hol12, IEE91, IEE93e, IEE94b, IEE94h, IEEO02, LCK11, USE94. novice [CGG10]. Novices [Stp02]. NOWs [SLGZ99]. NP [YZ14]. NPACI [PKB01]. NPB [EGC02]. NR [Gua16]. NR-MPI [Gua16]. NRC [LD01]. NSGA [GAVRLL17]. NSW [GN95]. NT [Ano01a, Bak98, BF98, CLP99, FD97, GGGC99, PS00a, SFG98, TAH01]. NTRUEncrypt [KY10]. NTUG [FF95]. Nuclear [BPG94, GA96]. nuclei [NS16]. NUMA [BCC99a, BCC99b, BFG99, CAWL17, GTS95, MKC95, MJB15, OPW95, SLN95, TSCaM12, ZLP17]. Numagic [GTS95]. Number [BP99, HT08, WHD95, CCS19, CBYG18, Lan09]. Numeric [MLGW18]. Numerical [ACMR14, BS93, BCP+97, CWW97, DHH97, FPK91, For95, FB94, HH94, Hoo95, Hus98, IF95, KM10, Kha13, MD96, HT02, PKW95, TDBEE11, YKD17, AL92, Bo97, BCM96, CWW99, FP92, GS94, JK10, KB13, No98, NHT06, Pri14, SMAC08, SU96]. Numerically [BKML95, FLL99]. nur [BL94]. Nutzung [GEW98]. NVIDIA [KME90, Seg10, VLMPS98, XXL13, KKM15, Lan09]. NVRAM [MC18]. NX [Pie94, PR94a]. NY [IEE96f, PBG95, Rec96, SS96].

O [Bos96, CFF96, DRUE12, IRU01, IBC97, LKLC93, kLCC96, MV17, MC18, MGC12, MG15, PSK08, PLR02, RK01, SBQ24, Tha98, Tsu07, WSN99, ZJD18].

O2000 [CML04]. O2WebCL [CHKK15]. Oberammergau [BPG94]. Object [Ada97, BCFK99, CFKL00, FMSG17, MSL96, PD98, SWL01, YHGL01, YX95, Ada98, BR91, DM12, LK96, OKM12, RFH95, SL94b, TG13]. object-based [LK96]. Object-Oriented [BCFK99, PD98, SWL01, Ada98, DM12, OKM12, RFH95]. Objects [KH15, Man01, MFC98, HS93, SOA11, SC95, YWO95, ZPLS96]. Oblivious [LZH17, LZH18, UALK17, HSP13]. observations [ZKRA14], observed [CAHT17]. Occam [ACDR94, GN95, MC94, EM94, SHH94a, SHH94b]. Ocean [BS93, GAM95, Bi95, Ma01, Nes10, Sch99, Wa00]. Oceans [IEE94c, IEE94e].

OCOptimiser [AFD15]. OCM [BoFBW00]. OCM-Based [BoFBW00]. October [Ano93f, Ano94e, Ano94i, Ara95, BPG94, Bha93, BDL96, CHD07, CGB10, DMS94, DLO03, DE91, FK95, GSK93, IEE94f, IEE95a, IEE95b, IEE95g, IEE96a, IEE96c, IF95, JB96, Kha02, DL02, OLO5, Sch93, Sie92a, Sie92b, Ti96, USE00, UC95, Vo93]. octree [JL18].

octree-based [JL18]. ODE [Ano97, Bra97]. ODEs [Pet97]. OdinMP [BB00]. OdinMP/CCp [BB00]. Off [CGS15].


Offloading [MGA+, DS17, KBG16]. off [Roll08a]. Oil [FSX14, ZAF16].

OKs [Ano03]. old [LK14]. OMB [BW12]. OMB-GPU [BW12]. OMIS [LW97]. Omni [KSS00, KSH01].

OmniRPC [SHT01]. OMP [SGJ03].

OMP2001 [TB03]. OMP2012 [MBB12].

OMPI [ACH11, O96]. OmpSs [ABF17, PSB19, YÅG15]. on-chip [TDG13]. On-Demand [CTK00]. On-Line [BoFBW00, Wis98]. On-the-fly [KSJ14].

ONC [R93]. One [BPS01, GFD03, GFS05, GBH20, GT01, HDB12, LRT07, MH01, TGT05, TRH00, ZSG12, bT01a, DPFT19, DBB16, GBH18, LSK04, M99c, OL05, PGK10, dlAMIC11].

one-dimensional [Ols95] one-layer [diAMIC11]. One-Sided [BPS01, GFD03, GFD05, GT01, HDB12, LRT07, MH01, TGT05, TRH00, ZSG12, bT01a, DPFT19, DBB16, LSK04, M99c, PGK10], only [LS10, Squ03]. Ontario [GK93]. onto

Open
[BGG+15, KDL’95b, WGG’19, AVA’16, KDL’95a, Nob08, GBS’07, VGRS16].

Open-Source [BGG+15, AVA’16, Nob08].

OpenACC [CGK’16, CCBPGA15, GML’16, GM18, HTJ’16, JCP15, KDHZ18, KLV15, Kom15, LB16, LSG12, MGS’15, OGM19, OGM’16, QHCC17, RLFdS13, SCJH19, VGP19, WKL’18].

OpenACC-based [KLV15].

OpenCL [ABB+19, ASAK19, AB13, BLPP13, BBC’19, BDW16, BN12, BHW’12, BHH’15, BAS13, CJPC19, CDD’13, CP15, CLO18, CJJ’10, CHKK15, CCS19, CCK12, CS14, CLBS17, CBHL19, DARG13, DI14, DWL’10, DWL’12, FADF15, FLMR17, FE17, FSV14, FVL15, dfDrS19, GScF113, GDM17, HS18, HD11, HE15, HH’18, JSS’15, JKJ’17, JR13, JNL’15, JMDV’17, KKM15, KH12, KM10, KKLL11, KSL’12, KJJ’16, KNH’18, KB13, KPK13, Lee12, LNK’15, LWZ18, LL16, LFAA15, MC17, MAIWA14, MTS’15, MSZG17, MHSK16, W12, OKT15, ORA12, PS19, PCH’13, PSB’19, PB12, RG18, RVPK18, RVPK19, RGD13, RBB15, RGB’18, RBB17, SFSV13, SBP’17, SAP16, SXMX’18, SSB’17, SG14, SFD15, SG10, Str12, THS’15, TKA16, TMW17, TKP15, TY14, WTT’17, WM019, WZH16, YSW14, YWT15, YSL’12, ZWL’17].

OpenCL [ZT17, dAT17].

OpenCL-accelerated [ZWL’17].

OpenCL-Based [CLO18, WTT17, WZH16, JKM’17, SXMX’18, WM019].

OpenCL-to-WebCL [CHKK15].

OpenCL-written [KKN’18]. openFabrics [FCS’19].

OpenGL
[Ano98, LH97, OR12, Röt19].

OpenGL-write [Cha05, CZG’08, CGKM11, CMMR12, EV01, JMS14, MDSC09, SHM’10, Vos03, OKM12, ST02a, ST02b, Add01, ARVW03, ABC’00, AC07, AH12, AAB’17, AELGE16, ACMZ11, ATL’12, ADT14, AC12, Ano97, Ano11b, Ano03, AK00, ADMV05, ADR’05, ASB18, AML’99, AGJM06, AM07, ACD’09, ABB’10, BST’13, BR02, BHP’03, BME02, Ben18, BN00, BO01, BDH14, BW’12, BCC’00a, BCC’00b, BK08, BG’02, BS01, BS05, BBC’99, BBC’00, Bra97, Br00, BD03, BD07, BS09, BFG’10, BGD12, BC00, BO07, BC19b, BK00, BK00, BO01, BEG’10, BB18, CRE99, CE00, Car07, CB00, CGL10, CDA’01, CLY16, CM98, CMZ99, CHP’01, CBPP02, Cha02, CM05, CvdP08, CGKM11, CMMR12, CLA’19, Cha98, CYG18, CC’06, CCBPA15, CC00b, Dab19, DM98, DW02, DBF01, DS17, HD02a].

OpenMP
[DGH’19, DFC’07, DFA’09, ETW012, EM00a, EM00b, EV01, Ed08, FGR01, FSMG17, FSF19a, FSF19b, FSX14, FM09, GSA08, GP01, GMSK17, GG09, Goe02, GAVR17, GSM’00, GAMA’00, GAML01, GOM’01, GAM’02, Gra09, HPP02, HP05, HDG09, HA10, HO14, HD02b, HMK09, HAS00, HK01, HA01, HVSC11, HLC00, HT10, HCL05, HEH09, HHYC09, HHS09, HAA’11, IJM’05, ICC02, IK00, ITT02, JCP15, JK08, JPO12, JFY00, JYY’03, JC’08, JMJ’11, JLG05, JR10, KB01, KS15a, KOB01, KAO10, KOI10, KN17, KKH03, KTO02, KSJ14, KLR’15, KBVP07, KBG’09, KSV10, KT10, KH15, KAC02, KC06, Kuk98, KPO00, KLM’19, KRG13, KSS00, KSH10, KJEM12, LOHA01, LP00, LRRS02, LTS16, LD01, LME09, LSC13, LHC’07, LNW’12, LRL19, LHCW05, LYX’16, LA02, LA06, LD19, LMRG14, LH198, LL01].

OpenMP [LLH’14, MRC’12, MS01b, Mal01, MM07, MB12, Mar02, Mar03,
MLC04, Mar05, Mar09, MPD04, MCB05, Mat00a, Mat00b, Mat01a, Mat03, MGG05,
MG12, MG15, MM11, MFG+08, MKV+01, MBE03, MRRP11, MMDA19, MMSW02,
MKW11, MM14, MSM07, MJB15, MJPB16, MCDs+08, MÜl01, MÜl02, Mül03, MBB+12,
NO02b, NAK03a, NIO+02, NIO+03, NEM17, NPP+00b, NPP+00c, NPP+00d, NAAL01, NA01, NNON00, NO08, NU05,
NHT02, NHT06, OOS+08, OP10, OPW+12, PARB14, PPJ01, PVKE01, PK05, PZ12,
PGC02, PKE+10, Qui03, Ran05, RDLQ12, RLVQG12, RBAA05, SEE12, SSB+16,
SHH01, SHTS01, SLSK09, SGZ00, SPL+12, SHPT00, SSA012, SK00, SB01, Stp02, Stp18, TCM18, TBS12, TS12a,
TBS02, TTSY00, TSS00a, THDS19, TSCaM12, TJP12, Thr99, TBG+02, THT+05, TGBS05, VOLSPL19]. OpenMP
[VDL+15, VPS17, VGS14, VGP+15, VOS14, Vre04, WAL00, WAL02, WAO02, WCC12,
WC15, WMC+19, WPC07, WT11, WVL1C12, WT12, WLYC12, WT13, YKV+18, YHL11,
YWC11, YCL14, YKL1D17, YPAE09, YSM+16, YSM+17, YWY+12, YCA18,
ZAT+07, ZSOr01, aMST07, dCZG06, vDP17, RM09, SSGF00, WCS+13]. OpenMP*
[KDT+12]. OpenMP-based [LNW+12].
OpenMP-like [BK00, BKO00, KOB01, VGS14].
OpenMP-oriented [MLC04].
OpenMP-parallel [HHS01].
OpenMP-style [JPOJ12]. OpenMP/MPI [BEG+10, HMK09, LL13, LSS+16,
MGG05, NO02b, Nak05a, SSB+16, SK00].
OpenSHMEM [HVA+16]. OpenTuner [BAG17]. OpenUH [HEHC09, LHC+07].
Operating [MMH98, RG97, USE94, WIL93, ARS89, SIE99]. operational
[KOS+95a]. Operations [BIL99, BIC05, CCA00, FCLG07, FPY08,
GFD05, GLO00, PSM+14, PGAB+05, TRG05, TGT05, WRA02, BMG07, DS13,
HMS+19, IDS16, KHB+99, KMH+14, PGAB+07, PKD95, SS99, TFZZ12].
Operators [KK19, NHT02, NHT06].
opportunist [CC10]. Opportunities
[LB16]. optical [MRH+96]. Optimal
[BPO99, GAM00, ZGN94, BB95a, ERI12, PQL07, PTL+16, SU99a]. optimiertes
[SIE99]. optimisation [AMUK15].
Optimising [Boo01, FKH02]. Optimistic
[SCL00, CXB+12, PY95]. Optimization
[BG00, BHNW01, DBA97, GOC02, HS12, Hus00, ITT02, KGK+03, KMH+14, LiS1B9,
MC17, MBS15, MI01, NIO+02, NIO+03, PSSS01, SM03, SVL99, SWH15, TRG05,
WTTH17, WJ12, CO93, DSO11, FCS+12, HWS09, KHS12, LMD90, LDJ13, MALM95,
PP16, PS91, PPM95, SK01, SDJ17, STR12, TMW17, TFZZ12, VWZ+13, Was96, XLL13].
Optimizations [NSL16, SSE12, iSYS12, TSS00a, BVML12, HEHC09, LL16, MV17].
optimize [BBW19, GVF+18, GFI+18, WLYC12].
Optimized [AKL16, AMC+19, BRI02, FAFD15, MAIVH14, PM95, PTH+01a,
TSS+15, THDS19, WJB14, BKvH+14, MMM13, SIE99]. optimizer
[AKL16, AMC+19, BRI02, FAFD15, MAIVH14, PM95, PTH+01a,
THS+15, THDS19, WJB14, BKvH+14, MMM13, SIE99]. optimizer
[BHRS08, RAG96]. Optimizing
[BG+05, CXB+12, FMF15, KKP01, MBE03, NSZS13, OM96, SSA012, TGL02,
TGT05, GSO2, LHC+07, RKBA+13]. Options [RR00]. Orange [ACM09b]. orbit
[CC19, SNN94]. Order [BL95, DFN12, LZH18, KN17, KME09, KEGM10, KB13,
MYB16, OGM+16, THDS19]. ordering [ZHA12]. ordinary [NF94, RBB15, SP11].
Oregon [ACM099, IEE93e, SW01].
Organization [BPC94, JFGRF12].
Oriental [Ada97, BCFK99, FMSG17,
MSL96, PD98, YHGL01, ZL18, Ada98, BR91, CJPC19, CBGL19, DM12, MGC+15,
OKM12, RFH+95, SWL+01, MLC04]. Origin [LL01, LSK04, ZSOr01].
Origin2000 [BRI00, MH01]. original
[RNP13]. Orlando [ACM09b]. Orleans
[IEE96b, USE95]. ORNL [BOR99]. OSCAR
oscillations [KHBS19]. oscillator [BJ13, GSMK17]. OSDI [USE94].
OSF [Sch93]. OSWALD [RGB+18]. Other [OP10]. OtOt [DKF94b]. Otto
[Ano96a, Ano99a, Ano99b, Nag05].
out-of-core [BL99]. Output
[CFH+94, HE02, JW96]. Outstanding
[LSB15]. Overcoming [JKHK08].
Overhauling [BDW16]. Overseas
[BR02, FST98a, XH96, CRGM16, KC94, 
KR98, LHY91, ZRQA11]. Overseas
[BCG+10, BGS09, BCM11, SS94].
Overlap [BRU05, DCPJ12, DCPJ14, MLAV10, 
PSK08, SH14]. Overlapped [GPC+17].
Overlapping [KB01, kLCC+06, PKE+10, 
BBH+15, DJJ+19, MMM13]. overlay
[CXB+12]. overlay-based [CXB+12].
Overview [CFH+96, Gre95, GL95c, Zol93, 
GHZ12, GPL+96, HHK+99, Wer95].
OWL [JKN+13]. Ownership
[FHB+13]. Oxford
[Boi97].

P [CAM12, WHDB05]. P-RnaPredict
[WHDB05]. P03M [BJ93]. P2P
[GR07, GGL+08, GJR09, RS19, SBG+02].
P2P-MPI [GGL+08, GJR09]. P4
[KS06, Mat94, Mat95]. PA
[AC04, Ham95a, ACM96c]. Pablo
[BFMT96a, BFMT96b]. Pablo-based
[BFMT96a, BFMT96b]. Pacific [IEE95e].
Package [BS93, KCP+94a, KOW97, 
LOD01, SYF96, van97, BHW+12, BBH+15, 
Ccw+11, Gao03, KCP+94a, LFS93a, 
LFS93b, SL95]. Packet [MBES94]. Packets
[Uhl94, Uhi95b]. PaCT [Ma95]. PaCT-95
[Ma95]. PACX [FGRD01, KR09, RBB97b].
PACX-MPI [KR09, RBB97b]. Page
[CML04, NPP+00c]. pages
[Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, 
Ano99b, Ano99d, Ano99e, Ano99f]. Pagoda
[YSS+17]. pairwise [AMHC11]. Palazzo
[GT94]. PALLAS [KVH97]. Papers
[BDB+13, OL05, TB14, ACM90, CHD09, 
DKD07, GT19, IEE93a, IEE95c, KKD03, 
MTW07, Old02, Ano93g, Cha05]. PARA
[DW94, DMW96, Was96, CD96].
paralyzed [SCC95]. ParaCells [SYL19].
ParADE [KKH03]. Paradigm
[HIP02]. Paradigms
[BGD12, CM98, HD02a, HD02b]. Parodyn
[MHC94a, MHC94b]. Paragon
[Ano96c, HW97, MP95, PR94a]. Parallel
[ACM95b, Ada97, ATC94, Agr95a, AMHC11, 
AGH+95, AS92, ADRCT98, AK99, AMBG93, 
ASA97, AL96, AP96, Ano95b, ACM14, 
AB93a, AJF16, BHM94, BJ93, BBG+95, 
BCGL97, BFL99, BP99, BG95, BS93, 
BDG+91a, BKGS92, Ben01, BP98, Bha93, 
Bic95, BKG08, Bis04, BALU95, BCL00, 
BS00, BBG+99, BBC+00, BBG+01, 
BF97, BL98, BBH+95, BBH+97, BT01b, 
BMS94b, BMPZ94a, BM97, BK00, 
BBH12, BGL00, CGC+02, CHD07, Cer99, 
CDZ+98, CUC95, CDK+01, Cha02, CGB+10, 
CNC10, CFF+94, CSW97, CMH99, CFPS95, 
CCSM97, Coo95b, CT94a, CT94b, CC00b, 
CZ91, DSM94, DERC01, DYN+06, DK13, 
DDP+19, Di 14, Di02, DAD19, DSS00, 
D+91, DNM+92, DGM93, DT94, DGH+99, 
DZDR95, DK06, DSC05, EKTB99, EGR15, 
EM00a, EM00b, EGDK2, EJL92, ES11, 
FGRD01, FHS09, FJBB+00, FP03].
Parallel [Her98b, FHK01, dfDOSR+19, 
Fis01, For95, FP92, FB94, FS93, FF95, 
GCBM97, GLN+08, GBD+94, GPK97, 
GR07, GS09, GSKM17, GDM18, GB98, 
GHL97, GK10, GFGP12, GJN97, Gre94, 
GL94, GL97a, GL97b, GlkLY97, HJ98, 
HLP10, HO14, HK94, HK93, HK95, HH94, 
HT01, HAA+11, IE93b, IE94a, IE94f, 
IE95h, IE95f, IE95g, IE95j, IE96b, 
IE96c, IE96g, IE96e, IE97b, IE97c, 
IE98, IITK00, IBC+10, IOK00, IDD94, 
IH04, IHM05, JAT97, JML01, JLG05, Jou94, 
JRM+94, KFA96, Kan12, KDHZ18, KK02a, 
KO101, KNT02, Kat93, KBS04, Kep05, 
KmWH10, KR09, Kon00, KKP01, KMC96, 
KMC97, KS96, KKD03, KKD04, KS01,
Kvh97, Khs01, Kuh98, KBg16, Kum94, 
Lad04, LttD14, Ltr00, Lkd08, LszL02, 
Ltra02, Lhhm96, Li96, Lz97, Lhz97, 
Klcc+06, Lq96, Lus00. Parallel 
[MsoGr01, Ms02b, Mm92, MwG97, 
DfMBdFM02, Mar06, Mar07, MftB95, 
MsCw95, Mat94, Mat95, MsM05, MsB15, 
MgC12, Mg15, MrB17, Mm11, Mic93, 
Mic95, MtWd06, McdL01, Ms95, 
McdS+08, MBb+12, MsB97, N002b, 
N002a, Nak03, Nak05a, Nak05b, Nszs13, 
Nar95, Nss12, NaJ99, Nj01, Nov95, 
Nmc95, Oed93, Op10, Olg01, Ong02, 
Ott93, OwsA95, Pac97, Ppt96a, PvkE01, 
Pat93, PszÉ00, Pvh97, Per99, Per96, Plr02, 
PwpD19, Pkb+16, Pbc+01, Qu03, Rr00, 
RdmB99, Rsb94, Re69, Rs95, Rc97, 
Rsv+15, Rb90, Rr94, RwD09, RtL99, 
Rll01, Scp97, Srp95, Scz00, Sch01, 
Sch96a, Sch96b, Seg10, Sev97, Sev95, 
SslmW10, Sm03, Sp99, Sie94, Sie92a, 
Sie92b, Sin93, Stv97, Swh15, Sou01, 
Sta95b, Ste94, Ssn94, Sgs10, Str96, Str97. Parallel 
[Str94, Snmp10, Sun90a, Sun90b, 
Sun94a, Syd94, Tmp16, Tss00b, Ttp97, 
Tc94,Tcp15, TqDl01, Thn00, TdbE11, 
Tsu07, TvV96, Uhl94, Uhl95b, Uhl96, 
Ucw95, Vlo+08, Vrs00, Vb99, Wh06, 
Wala01, We94, Was95b, Whd05, W097, 
Wsn99, Wmc+18, Wtr03, Wt12, Ym97, 
Yhl01, Yh06, Ypa94, Yg96, Yth+12, 
Yzpc95, Ysl+12, Ztd19, Zb94, Zz04, 
Zdr04, ZWjk05, ZAt+07, ZLs+15, 
Zzz+15, Zgc94, Zb97, van97, AcM97a, 
Arvw03, ApBcF16, Art17, AaaA16, 
Ad98, Al92, AbF+17, Asc95, Adt14, 
Ad95, Acj12, Ano93h, Ano95e, Ano00b, 
Adb94, Av18, Addr95, Ab93b, AfT95, 
Ab13, Agis94, Admv05, Asb18, Bj96, 
Bbb+94, Br91, Ba06, Bhs18, Bb95a, 
Bcad06, Bb93, Bdg+92b, Bb94, Bpc94, 
Ben95, BvdSd95, Bkh+13, Bavo8, Bn00, 
Bir94, Bcm+16, BkmL95, Bos96, BfMr96]. Parallel 
[BID95, Br95, Brt95, BdW97, 
Bsh15, Bb95b, CArb10, Cl93, Cgk11, 
Cav93, ClDj+15, ClSp07, Ct13, ClYc16, 
CkWh16, Cha05, Cjvd08, Cha96, 
Cgl+93, Cegs07, Ch94, Cz96, Che99, 
Clj+10, Cs96, Csw99, Ccs19, Cla08, 
Cef+95, Cdd+96, CdGm96, Cbhh94, 
Coo95a, Chw03, ClLasPdF99, Cff+96, 
CrP+95, Cd01, CdH+94, Ckf+93, Cb11, 
Dmk19, Dkf93, Dkf94b, Dr18, Dlb94, 
Dlr99, DsS+94, Dr94, Dsz94, Dm93, 
Drue12, DvBF01, DkD05, DvdlV94, 
Db96, DmW96, Dlm99, Dkp00, Dlo03, 
Du02, DzzY94, Eass95, Ev01, Fb96, 
FbF99, Fm90, F094, Fstg09, Fer98a, 
Fms15, Fcs+12, Fkk+96b, FfM11, 
Fhc+95, Gg99, Gcn+10, Ggl+08, Gbf95, 
Gkd+18, Gg09, Gfb+14, GÁvR17, 
Gsm+00, Gks+11, Gew98, Gkk09, 
GkF13, Gra09, Gp95, Hhs18, Ham95b, 
HpY+93, Hws09]. Parallel 
[He93, Hps+96, Hz94, Hz99, Hplt99, 
Hdb+13, HvsH95, H05, H95, HloC96, 
HvsC11, HhsM9, Hlo+16, Iee97a, Im95, 
Jwb96, Jc17, Jy95, Jjm+11, Jc96, 
JmdV+17, Kcd+97, Khbs19, Kbo01, 
Kbp16, Kn17, Koso+95a, Kl95, Kos95b, 
Kss+18, Krc17, Kg93, KfF94, Kra02, 
Kkj+08, Kh10, Lm99, Lcl+12, Lh98, 
Ls10, Lcvd94a, Lgmdr+19, Lmm+15, 
Lou95, Lg93, Lm13, Ll95, Lc97b, Lsr95, 
Mmr99, Myb16, Mmb+94, Mzk93, Mm95, 
Mar05,Msp93, Mko0, Mn91, Mhc94a, 
Mrrp11, Malm95, Mla+14, Mrh+96, 
Mmh99, Mor95, M99, Mr96, MrwL+10, 
NsrB07, Neu94,Nb96, NbgS08, NckB12, 
Nf94, OdSsp12, Ols95, Olu14, Ow92, 
Pha10, Ppt96b, Ppt96c, Pktb06, PbG+95, 
Pn01, Pbk09, Ppf98, Py95, PbPtp95, 
PslT99, Pcs94, Ram07, Rjc95, Rbb15, 
Rlo08b, Rbb17, Slm14]. Parallel 
[Sm12, SskF95, Sh94, Sch94, Sch99, Spk96, 
Sbf94, Swyc94, Sk92, ScC96, Sl00, 
Smac08, Sz11, Spl99, Sm00, Svc+11, 
Sm93b, Stt96, Sh14, Srk+12, SlS96,
Sta95a, Sti94, SMSW06, Sun95, Sur95a, Sut96, Swa01, SL95, TJ90, THDS91, TDB00, TGLK19, TMPJ01, Uhl95a, Uhl95c, VM95, Vis95, Vos03, Wan97, Was96, Was95a, WK08a, WK08b, WK08c, Wol92, WT11, WYLC12, WLYC12, WMP14, YULMTS+17, YHL11, YWC11, YBZL03, YYW+12, ZL96, ZWHS95, ZAFAM16, ZWL13, ZJDL18, ZWL+17, dH94, Ano94e, Ano94f, ACDR94, BDLS96, BS94, BG94b, Bos96, CC95, Cza13, DSM94, DHK97, DW94, EJL92, FR95, FF95, GN95, JPTE94, JPP95, KKD05, Kum94, LkLC03, Mal95, MKP96, OKW95, PQ07, QRG95, SSSS96, SPE95, Stp02, TDBEE11, TGEM09, Vol93, Vre04, WN10, YC98.

Parallel [ZPLS96, ZDR01, ZHS99].
Parallel-programming [KKJ+08].
Parallel/distributed [FHC95, Wan97].
Parallelisation [SJK+17a, SJK+17b, WCVR96, LF93b].
Parallelism [CGC+11, EdS08, EK97, FKCC96, GLP+00, GAM+02, GPC+17, DK02, KT02, Mar03, MGA+17, MMS07, MdSC09, RBA05, SHM+10, SML17, SGZ00, TCM18, TSY00, Thr99, YPAE09, ATL+12, AML+99, BK11, BR12, BS01, BS05, CCM12, GAM+00, HSP+13, HSE+17, HK09, JC17, JPOJ12, Kos95b, OPP00, RKBA+13, SLGZ99, SHPT00, THH+05, TWFO09, WO09, WFO14, WRSY16, Y14, PGdCJ+18].
Parallelisation [SJJK+17a, SJK+17b, WCVR96, LF93b].
Parallelized [FBSN01, OMK09, KMG99, OKM12].
Parallelizer [BHRS08]. Parallelizing [BST+13, Car07, GGH99, IOK00, IKM+01, IKM+02, SR95, ZZ95, AMS94, BY12]. Parallelldatorcentrum [Eng00].
Parallellizing [LRQ01]. parameter [HPLT99, JMdVG+17]. parameterized [CT13]. Parameters [GFV99, BAG17].
Parity [MC17]. Park [HVSH95, RS95, SHH94a, SHH94b]. Park [SL94a, IEE93c]. PARKBENCH [DHS96, DH95]. PARMACS [GR95, HZ96, HZ99]. PARMACS-to-MPI [HZ96]. ParNSS [HSW94]. PARRAY [CCM12]. parsing [Sur95a]. Parsytec [SLL94a, SLL94b]. part [VSRC95, EM00a, EM00b, GK10]. Partial [DERC01, DLV16, FSSD17, KK02b, MK17, MFTB95, MH18, OM96, ST17]. partially [CdGM96]. Particle [GS97, KHS01, NSLV16, ZO04, BAS13, CFF19, FFFC99, GSMK17, KPK13, RH+95, VDL+15].
Partitioning [CTK01, DAD19, KL11, SPB+17, ST97, CT13, Cha96, Gra97, GKCF13, YST08]. partners [Str94]. Pasadena [IEE95c].
PASCO [ACM97a]. passage [PTMF18].
Passing [AMHC11, Ano93d, ABL99, Att96, BC19a, BS97, BC14, BB+06, BBG+99, BBG+01, BRU05, BBH+95, BBH+97, BGR97b, BFM97, CHD07, Cer99, CGH94, Cot97, Cot98, CTK00, Cot04, CDN11, DFK01, DKD08, DHHW92, DHHW93a,
DDL00, FKKC96, FKS96, FGT96, Fos98, FGG+98, FB94, GR07, GB96, Gle93, GLRS01, GLS94, GL95c, GLDS96, GLT99, GLS99, GLT00b, GLT00a, GL04, IBC+10, KTF03, KGRD10, KS97, KVD03, KKD04, KKD05, LKD08, LK10, Luo99, MPI98, MTSS94, MS98, MSL96, MBES94, MG97, MTWD06, MSS97, NW98, PBK00, Pok96, PS01b, RRBL01, RWD09, RFG00, SWHP05, SWL+01, ST02b, TGT05, TDB00, TBD12, WD96, Wis97, YHGL01, ZG95a, ZG96, ZLL+12, Ada98, AD98, AAC+05, Ano93e, Ano94d, Ano95c, Ano00a, Ano00b, BL97, BvdSvD95, Bjo95, passing [Bru95, BDW97, BFIM99, CGJ00, CDZ98, CRD99, CD01, DKF93, DM93, DKD05, DS96b, DHHW93b, DOSW96, DLM99, DKP00, DLO03, FK94, FHB13, GL92, HP05, HPY+93, Hem96, KJA+93, Kra02, LR06a, LBD96, wL94, LCY96, LMM+15, LC97b, MP95, N91, PS07, Pd06, Pic94, PR94a, PS00b, Sei99, SWJ95, SDV+95, SZ99, SSSG95, S694, TSZC94, VM95, Wal94a, Wal94b, ZWL13, ZKRA14, Di96, GGLH+96, Han98, Hem94, RRFH96, SLG95, Wer95, YHG+14]. Past [Dar01].

Path [CGPR98, GAMR00, SDJ17, SLN+12, Zel95].

path-based [SLN+12]. Pathway [CNM11].

PATOP [BFBW01]. Pattern [CSW12, CC17, JJPL17, RDMB99, MAS06, SJLM14].

pattern-based [SJLM14].

Pattern-Independent [CSW12].

Patterned [ST17]. Patterns [DMMV97, FPY08, KB98, MMS05, PKB+16, RRAGM97, SGH12, DZZY94, GÁVRL17, HGMW12, LGmdR+19, PM95, PSK+10].

PC [AH00, EKTB99, KS01, LKYS04, RLL1, Ste00, WLYC12, YST08, YL09, MMB+94].

PC-Cluster [RLL01]. PCAT [ACDR94, GN95]. PCAT-93 [ACDR94].


PCTE [HJ94]. PCTRAN [KHS01]. PDCS [YH96]. PDE [GBR15, NHT02, NHT06, NPS12]. PDES [PT01, SCL00, SCL01, HO14, HHA95].


Performance [ACM97b, ACM98a, ACM98b, ACM00, ACM01, ACM04, AC07, ATM01, AR01, Ano01a, Ano01b, ADR+05, Bak98, BBGL96, Ben18, BN00, BBHD14, BGG+02, BY12, BRM03, BRST94, BS07, BDL98, BCKP00, BHNW01, BFM96b, BFBW1, BFG+10, CGK+16, CDD+13, CRE99, CDJ95, CGLD01, CNM11, Che99, CSC96, CCBPGA15, DPSD08, DM95b, DW02, DZ98b, DPP01, DWL+10, DBK+09, EG999, EGC02, EML98, EML00, FD02a, FGT00, FCP+01, FSC+11, FST98b, FGT97, GFD03, GKP96, GGS99, GBH99, GFIT+18, GRRM99, GB+S+07, GC05, GmdMBD+07, GS+13, HVA+16, HKN+01, Hol12, HF14a, HF14b, HPS95, Hus98, IE92, IE93c, IE94g, IE95k, IE96a, IE96f, IE97c, IF195, IRU01, Hiv+A+00, IADB19, JSS+15, JC17, JCH+08, JS13, JLG05, KDS012, KaM10, KL94, KH12, KBS04, KBM97, KKP01, KH15, KC06, KK02b, KHS01].

Performance [KSS00, LaF01, LAdS+15, LWSB19, LCK11, LC97a, LB98, LGCH99, LNK+15, LH98, LC93, LkLC+03, LWZ18, LN+12, LRLG19, LS10, LC+03, LVP04, LWP04, LDCZ97, LHZY19, LC97b, LKYS04, MMB+94, MKP+96, MPD04, ME17, MGMH97, MGC12, MM02, MM03, MOL05,
MS99a, MHC94b, MMSW02, MK04, MCLD01, MMH99, MM14, MMS07, NSL16, NMW93, NPP+00d, NMS’14, NN95, OTK15, OF00, OLG01, PARB14, PKB01, PHJM11, PZ12, PR94b, PFG97, PGAB+05, PGAB+07, PGC02, PY95, PTH+01b, PS01b, QHCC17, QB12, Rab98, RBB97a, RBB97c, RH01, RRAGM97, Ros13, RST06, SGJ+03, SPM+10, SLJ+14, SWHP05, SCP97, SEF+16, SPL+12, SCSL12, SM02, SM03, SSC97, SJ02, SSSS97, SC96b, SKH96, SJK+17a, SJK+17b, TSB02, TSB03, TTSY00, Ten95, TBC+02, TGT10, Trä12b, TFGM02, TFZZ12, VFD02, VY02.

Performance [WZM17, WN10, WAS95b, WM01, WT11, WT12, WT13, XF95, XH96, XLL13, YC98, Yan94, YWC11, YS93, YWCF15, ZLGS99, ZWJK05, ZHK06, ZSnH01, ABDP15, Ahm97, ADLL03a, ADLL03b, Ano03, AFST95, BDP+10, Ber96, BDF97, BFM96, BFM96a, BFM99, CRE01, CAHT17, CLYC16, CBPP02, CBM+08, CHKK15, DM95a, DL10, DO96, D+95, DWL+12, DE91, Duv92, EFR+05, ESB13, FAF16, FD02b, FE17, FSV14, FME+12, Fin97, GV+18, GS02, GGC+07, GK97, GR95, GHZ12, GML+16, GSM+00, GL96, GLDS96, GL97c, GL99, GWVP+14, HDDG09, HW11, HASnP00, HAJK01, HMS+19, HK10, HSVC11, HHA95, HGI2, HeF05, JKKH08, JIM+11, JKN+13, KBB16, KKM15, KS13, LBD+96, LTLC94, LFS+19, LC07, LB12, LC96, LB96, LL01, LK03, LKS04, MC17, MP95, MSWC15, MSW+05, MSL12, MABG96, MHC94a, MSZG17, MJPB16, MGC+15].

performance [NU05, NFG+01, OIH10, Old02, PGs+13, PS91, PHW+13, PGK+10, PF05, PMZM16, PTW99, Rab98, RMS+18, RPS19, Reu03, RGDM15, RJDH14, Sep93, SFO95, SWJ95, SL05, SVE+11, SK00, SFLD15, TMC09, TSP95, TG99, THM+94, VDL+15, Wor96, YCL14, ZSK15, ZWL13, dAT17, HS95a, GH94, LCHS96, SSH08].

performance-aware [MSMC15].
Performance-based [YWC11].
Performance-Driven [LWSB19].
Performance-Portable [JSS+15, DWL+10, DWL+12, FAF16].

performance-prediction [BDV03].
performance/cost [GWVP+14].
performance/power [RPS19].
Performances [NSLV16, NPP+00d, NMS+14, NN95].
Performing [CC99].
Periscope [LGG16].
perishable [OHG19].
Permutations [CC99, LTDD14].
Persistent [Man01, SG12, HMS+19].
Persistent-Sets [SG12].
Personal [SSSS97].
personalized [BHJ96].
perspective [Sni18].
perturbation [KN17].
Peverse [Rol08a].
Pessimistic [BCH+03].

Petascale

Petascale [CGKM11, CBYG18, ZWL13, Gei01].

Phi [BB18, CBIGL19, DSG17, MTK16, OTK15].

Philadelphia [ACM96b]. Phi TM [MMDA19]. PHOENICS [SZBS95b, SZBS95a].
Phoenix [ACM03, IEE95b, Ten95].

Photo [JFGRF12].
Phylogenetic [MR12, LBH12].
Physical [BM97, GJN97, GWVP+14].
Physics [GT94, KH15, VW92, WBH97, ANS95, BPG94, DMW96].

PICO [BDV03, HTJ+16, JL18].
Picos [YÁJG+15].

Pilot [OS97, CGG10].
PINEAPL [DHK97].

Pinhole [NH95].
Pipe [MTU+15].
Pipeline [GAMR00].
Pipelined [GAML01].

Pipelines [MAGR01, FWS+17, RKBA+13].

pipelining [MM11].
Pisa [Sil96].

Pitaevskii [LBB+16, LYSS+16, SSB+16, YSVM+16, YSMA+17].

Pittsburgh [ACM96c, ACM04, Ham95a, IEE94d].

Place
[IEE94e, LTS16, BCK+09, HSE+17, PSHL11].
placement [DJJ+19, SLN+12, SPK+12].
Planck [Ano94c]. Planing [GAMR00].
Planning [HMS+19, Zei95]. plant [FO94],
PLAPACK [van97]. plasmas
[YL18, DGH+19, YKLD17].
Plasmas [BL94]. plasmas
[CF19F]. Platform [BKGS02, BB18, NO02b, PGF18, WTH17, BSH15, CB11, 
Cza13, DWL+10, DWL+12, HTJ+16, 
HHA95, Jr13, NO02a, XCL13, YSL+12].
Platforms [AIM97, HD00, JML01, 
RVPK19, Z9B7, BCB+19, GCC+07, 
GFB+14, MBBD13, TKP15, TS12b].
Pleset [BL95, KN17]. PLEs [MMR99],
plug [MS99b]. plug-in [MS99b]. plume
[JL18]. plus [HDB+13, Stp18]. PMaC
[PTL+16]. PMD [Che99]. PML [Ram07].
PMPIO [FWNK96]. PMPIO-a
[FWNK96]. poci [JSS+15]. Point
[GBS+07, HC10, KV98, LWSB19, ADL03a, 
ADL03b]. Point-to-Point [GBS+07, 
HC10, KV98, ADL03a, ADL03b].
Pointers [LR107]. Poisson [BP98, WJB14].
Poland [BDW97]. Polder [OS97]. Policies
[CML04, PZ12, OHG19]. policy [MM13].
Polling [DCP10, P102, DCP14, SH96].
Pollutant [RSV+05]. Pollution [AKK+94, 
BZ97, MDP04, MSML10, SH94, Syd94].
POLSYS_GLp
[SWM06te].
polyonization [TSP95]. polygons [CT13].
polyheiral [BHR08, KGB+09]. polymers
[AT97]. Polynomial
[VY15, HLM+17, SMW06]. port
[CCHW03, Har94, RJMC93]. Portability
[KaM10, RS95, RH01, ABDP15, CGK+16, 
FE17, HHS18, MG+15, PHW+13, 
QHCC17, Re03]. Portable
[Ano95c, Ano01b, BHV12, HLS95, 
CDH+94, DHH97, DI 14, FCL07, FSLS09, 
GLS94, GL97a, GLS99, JSS+15, LNL00, 
Man98, MKV+01, MG97, PPT96a, BPC+01, 
SSCC95, SDB+16, St94, Tra98, WCG+13, 
YBMCB14, Arn95, BCK+09, BaDA94, BB00, 
BL99, BAS13, CJvdP08, CH94, CEF+95, 
DWL+10, DWL+12, FAF16, FWNK96, 
GR95, GL94, GS94, GLDS96, HTJ+16, 
HZ94, HSW+12, J9C6, KN95, LFS93a, 
LFS93b, LHC+07, MMB+94, PPT96b, 
PPT96c, PMZM16, SFLD15, Sto98, VM95].
portal [AASB08]. portals
[BS96b, BMR02, BRM03]. Portfolio
[SIS17]. Portfolio-driven [SIS17]. Porting
[Ano96c, BSC99, BL98, EM02, Har94, 
Har95, HASn00, KGG+03, KME09, SR96, 
YKLD17, dCH93, BvdB94, HD11, MWO95, 
ZPL96]. Portland
[ACM09, ANS95, IEE93e, SW91]. Portugal
[IEE93d, IEE96g]. Postion [Pat93].
POSIX [LD01]. Post
[BBH+13b, Wit16, ABC+00]. Post-failure
[BBH+13b]. Post-ISA [Wit16]. Poster
[JPL17, LZH17]. POSYBL [Mat94].
Potential [GEC02, Gro01a, KS15a].
potentials [THDS19]. Potts [KO14]. POV
[FFB99]. POVRay [FFB99]. Power
[LWZ18, LB96, EZBA16, FO94, HK10, 
Nel93, RPS19, Bri95]. Powered [NE98]. PP
[IEE96d]. PPARDB
[PPT96b, PPT96a, PPT96c].
PPARDB/PVM [PPT96b, PPT96c].
PPPE [CDH+94]. PPSN [DSM94].
Practical [BH96, BCP+07, CZG+08, 
RHG+96, TGBS05, AMS94, BHR08, 
LPD+11, Mc94, Paa95b, VVD+09].
Practice [ACM11, GN95]. Praktische
[MS04]. Pre [AC17]. Pre-processor
[AC17]. Precedence [EGR15].
Precedence-Constrained [EGR15].
Precise [FJK+17]. Precision
[Ano98, Kha13, ZC10, JPT14].
Preconditioned
[GFPG12, ABF+17, MM92].
Preconditioner [BSS99, FSXZ14].
Preconditions [Hue96].
Preconditioning [Nak03, GCG+07].
predictability [GRM99]. Predicting
[RRAGM97]. Prediction
Predictive [FJK+17]. Preemptive [BBH+06, BBGL96]. Preface [DKD07, OL05]. Prefetching [BIC+10]. Prefix [WJ12, DK13, MYB16]. Preliminary [BF98, Wal01a, WLK+18, RJC95, RLFdS13, SWS+12]. PREMER [VBB18]. Preprocessors [Ano01a]. prescription [MRH+96]. Present [Dar01]. presented [ACM90]. preservation [IEE94c]. Preserving [RNPM13]. Press [Ano95b, Ano96c, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b]. Pricing [RR00]. Primitives [DDL00, FST98a, ABDP15, CIJ+10, STP+19]. Princeton [Bha93]. principles [BSC99, HS12, SSP+94]. printing [YM97]. priority [DR95, Man98]. Prism [SDN99]. private [Str94]. privatization [KRG13]. Probabilistic [LAdS+15]. Probability [QRMG96, Sta95b]. Problem [BSH15, DALD18, DAK98, GAMR00, ICC02, Lee06, MTS99a, RLVRGp12, ZSnH01, AB93b, DSM94, GM94, GKF13, HMKV94, IJM05, MM92, SL00, SP11, Cza13]. Problems [ASA97, BHM94, BMH96, BMR01, BPMN97, CGPR98, EML98, HAA+11, DK02, LSM+18, MBS15, Nak03, Riz17, ALJ5, CE0S7, FR95, LSR95, NZZ94, OMK09, SC96a, SD99]. procedure [AGL+96]. Proceedings [ACM94, ACM96c, ACM97a, ACM97b, ACM98b, ACM04, ACD094, CJNW95, GN95, Hol12, IE93f, IE95d, IE902, KG93, LCK11, MC94, R+92, SM07, Ten95, TG94, dGJM94, ACM96b, Ano94e, Ano94i, BPG94, Bohl97, BH95, CLM+95, DSG94, DE91, EJL92, FF95, GH+93, HK95, HKHK94, IE94a, IE94b, IE94e, IE95b, IE95e, IE96a, IE97c, IE905, JPT94, Kum94, LF+93a, Li96, PS+94, PBPT95, SPE95, SW91, WPH94, ACM90, ACM95a, ACM05, ACM06b, ACM06a, ATC94, Agr95a, AGH+95, AH95, Ano89, Ano92, Ano94a, BBG+95, Bha93, CHD07, CZG+98, CGKM11, CMTR12, CGB+10, CDND11, DKM+92, DT94, DLO03, EV01, EdS08, ERS95, ERS96, Fet92, FK95, Gat95, GJK+93, GA96, GT94, Ham95a, HS94, HK93, IEE91, IEE92, IEE93d, IEE93c, IEE93b, IEE93e, IEE94e, IEE94d, IEE94f, IEE94h, IEE94g, IEE95h, IEE95k]. Proceedings [IEE95i, IEE95f, IEE95i, IEE95g, IEE95j, IEE96g, IEE96f, IEE96e, IEE96d, IEE96b, KGRD10, LKDO8, MTWD06, MMH93, MCdS+08, MiSC09, Ost94, PR94b, Ree96, RWD09, SCR92, SM+90, Sie94, TBD12, USE94, USE95, USE00, VV92, Vos03, Y+93, YH96, AD98, BG91, BDL96, BS94, Bos96, BFM96, BDW97, CH96, CD01, DSM94, DKD05, DW94, DWM96, DLM99, DPK00, Eng00, FR95, GH94, HAM95b, HS95a, IEE96c, IEE97a, Kra02, KKD04, LCHS96, Mal95, PBG+95, Sch93, Tou96, VV95, Vol93, Was96]. Proceedings. [Ano93f, Ano94g, IEE96j, IEE97b, LHH96]. Process [AUR01, BGL00, CL03, DeP03, DK06, FGG97a, FGG97b, FLD98, FPY08, KCP+94b, KOW97, PS00a, SC04, ST97, Tra02a, BK11, BBGL96, CK99, FLD96, GL95a, HRR+11, HG12, JLS+14, KCP+94a, MI016, MK00, SHIC18, Ste96]. Process-Management [BGL00]. processed [HJ98]. Processes [CB16, MW98, Pet00a, Pet00b, FS95, GFIS+18, SPK+12]. Processing [ATC94, Agr95a, AR01, BBG+95, DKM+92, GCMM99, GCMM01, HOBB14, IEE93b, IEE93f, IEE95e, IEE95b, IEE95f, IEE95g, IEE96b, IEE96g, IEE96e, IEE97b, IEE05, IOK00, JDB+14, KO101, KS15b, LSWM08, MLG18, MC18, MSML10, Nar95, NH95, NJ01, PLR02, PD98, Ree96, RRBL01, Rol94, SCP97, Sev98, Sie94, Sin93, VLO+08, WN10, AB95, Ano94f, ASB18,
BJ13, BHS18, BFMR96, CFPS95, CLLASPDP99, DSZ94, FWS+17, GDC15, GGGC99, Gre94, HAM95b, HPS+96, JC96, Kat93, Kum94, LHLK10, LG93, PSB+94, PBPT95, RKB+13, Röd00, RC95, SSS99, SLS96, VDL+15, Wol92, WWFT11.

Processor [HC06, Oed93, Ott94, PWP+16, RR02, Sni93a, SBT04, UALK17, ABDP15, AC17, DJJ+19, DCH02, HCO8, LL01, MMDA19, OIS+06, RNPM13].

Processor-Oblivious [UALK17].

Processors [AJ07, Bri10, DDP+19, HK93, HK95, KWH10, MJ15, OLG01, PZK02, AV18, BBG+14, CBM+08, DBL11, HTA08, HWX+13]. Producing [HAJK01]. product [CM99, ER12, SMW06]. Production [IADB19, CLdJ+15, SL00]. productive [LV12].

Productivity [BS07, KaM10, Wit16]. products [An097, Bra97]. profile [TWF009, WFT014]. profile-driven [TWF009, WFT014]. profiler [AS92].

profiles [Wi94]. profiling [GPL+96, LHZY+91, Ra99, Vet02].

Profitability [CLA+19]. Program [An096d, AB93a, BM94b, CHP01, Cot97, EML98, MM95, MK17, MRV00, Ney00, PS01b, TSY00, THN00, UT02, CDZ+98, JF95, LP00, LCS13, OKM12, PFP99, Sali0, TNIB17, TMPJ01, ZL96]. programación [VP00]. Programmable [OA17].

Programmable [BL94]. Programmer [Gua16, Wit16]. programmers [CGG10].

Programming [ACM90, Ada97, ACGR97, ASA97, ACJ12, Ano96b, BBG+10, BL93, BHV12, BFO1, BBG+99, BBG+01, BKO00, CMK00, CDK+01, CKWH16, Cha02, CZG+98, CF01, Cza03, DM98, DARG13, DDL00, DK06, DWL+10, EM00a, EM00b, FTB00, FWR+95, GLRS01, GLS94, GLS99, HA11, HDB+12, HDT+15, KKH03, Kep05, KP96, KWH10, KKH79, Ld04, Ldf01, LLRS02, MSOR01, Mat94, Mat95, MSM05, McdS+08, NO02b, SP+10, SIK01, SSO1, SDN99, SHH94b, ST02a, ST02b, SG10, Stp02, TTP97, VT97, Vre04, Wal01a, Wal02, WQ97, YM97, YHGL01, YCA18, AGd02, AMu95, An095c, An000b, AB13, BJ13, BCA+06, BB94, BS96a, BKH+13, CPM+18, CLY16, Cha05, CJvd08, CEF+95, CDH+94, CGH+14, DHL+12, Dv92, EAS95, EV01, FSG19b, FB95, FB96, Fan98, FSTG99, Fer04, Fra95, FH+13, FF95].

programming [GKZ12, Get96, GBH14, GBH18, GRTZ10, HTO08, HS93, HZ94, HDB+13, HSV05, HZ08, KDS012, KO10, KSG13, KSL+12, KL1V5, KPNM16, KS94, KKJ+08, IV12, LF93a, LF93b, L93, LPD+11, LHL+14, MMB+94, MVTP96, MSP93, MM99, MG+15, NO02a, Naka05a, NYNT12, NBG08, OIS+06, Oh04, OW92, Pac97, PVKE01, PF05, Qui03, RDH14, STP+19, iSYS12, SSKF95, SYR+09, Seg10, SPK96, SBF94, SPL99, SHH94a, SD09, VP00, Vos03, Wal01b, Wan02, WCC+07, WAD99, WYL12, WYL12, YHL11, YWC11, YX95, YS93, ZGC94, DR94, HSE+17, CH10, SD13].

Programs [AJF16, Beg93b, BKS01, BGO8, BGG+02, DL98, BLO00, CSW12, CRE99, CHP01, CD98, DLB07, DMMV97, Di14, FKH02, FJK+17, GR07, CTH96, GL04, GC05, HC10, HK+01, HM01, JLG05, KFL05, KL94, KJS14, KK01, KSV01, M909, MVY95, MOL05, MBE03, MKW11, MCDL01, MJ15, NSZ13, NE98, NO01, NPP+00d, OM96, PPJ01, RH01, RFG+00, SGZ00, SBF+04, SR96, TGB05, Wel94, Wis97, ZL+12, Beg92, Beg93e, Beg93a, BCK+09, BMS03, CRE01, CLdJ+15, CGL+93, CH94, CRM14, CPF96, DFK93, DFK94b, EP06, EP+17, FSG19a, FLB+05, FKL08, GGH99, GRRM99, GKS+11, GB94, HD11, HZ96, HLOC96, HEHC09, KCD+97, KS13, KO14, Kom15, KLM+19, LGK10, LLG12, LLB+16, LYSS+16, LMM+15,
LZC+02, LCC+03, MT96, MdSAS+18, Mor95, NBK99, Obe96, OdSSP12, PES99].

**Programs** [PAdS+17, RAS16, Ren03, RRG+99, SSB+16, SKS01, SMAC08, SZ11, SR95, SY95, SC96b, TMW17, THH+05, TGKL19, UGT09, VVD+09, YSV+16, YSM+17, YY+12, ZJZW18, ZRQA11].

**Progress** [BRU05, LAdS+15, SPH+18, DJJ+19, MLA+14, RSC+19, MC94].

**Progress-Dependence** [LAdS+15].

**Project** [BHK+06, BSH15, DHK07, MRV00, ABC+00, CDH+94]. **Promise** [Ano93f].

**Promotion** [OCY+15, WBB15].

**Propagator** [EMO+93, ESM+94, JML01, SMOE93, ASAK19, KEGM10, RMNM+12].

**Properties** [FGRT00, JL18, MS96b, SSP+94]. **Proposal** [DHHW93a, DFC+07, DFA+09, ZKRA14]. **Proposals** [Wal96b]. **protected** [GHD12].

**Protein** [RGB+18, GAVR17, SEC15, ZAT+07]. **proteins** [BHW+12, BBH+15, FMS15].

**Protocol** [CWL17, GSY+13, kL11, LMM+15, RA99, XF95, BDB+13, CwCW+11, DMY99, MN91, MB00, ZPI06].

**Protocol-based** [LMM+15]. **Protocols** [BCH+08, DM93, LH98]. **Protoplanetary** [dIFMDbIFM02]. **Prototype** [Ano01b, FHP+94, MMSW02, BK96, CCF+94, KY03, KYL05]. **Prototyping** [SXM+18, Spe19]. **prover** [Sut96].

**Provide** [Add01, LMRG14]. **Provides** [Ano98, Nel93]. **Providing** [GKP97, Zal12]. **Proving** [MS96b]. **PRS** [UCW95]. **pruned** [dFORS+19]. **Pruning** [SMM+16]. **PS** [AMV94]. **Pseudo** [Wal01a, Lan09].

**Pseudo-search** [Wal01a]. **Pseudorandom** [WHD05]. **Pseudospectra** [BKG02].

**pseudospectral** [Bri95, MRRP11].

**PSPVM** [BWT96]. **Pthread** [ZAT+07].

**Pthreads** [AS14, TS12a]. **PTX** [iSYS12].

**Public** [Str94, GWVP+14, Nel93, RST02].

**Public-private** [Str94]. **pulse** [ASAK19].

**Puma** [BS96b]. **purely** [HSE+17]. **Purpose** [BDT08, Che10, SZBS95a, Sun94a, ABDP15, CBM+08, KPNM16, PF05, SK10, SZBS95b].

**PVaniM** [BCLN97, TSS98]. **PVFS** [IRU01].

**PVM** [AD08, BL94, BDLS96, BDM97, CHD07, CHD09, CD01, DKD05, DLM99, DPK00, DLO03, Kra02, KKD04, LKD08, McD96, MTWD96, RWD90, Wi94, AJ97, Ahn97, AS92, ACGP97, ADRCT98, AL92, AGR+95b, AB95, ASA97, AL96, ARL+94, AKK+94, AP96, Ano94b, Ano95e, Ano96b, Ano96c, ABC19a, ABD19b, ABG+96, AGLv96, AB93b, AB93a, ADMV05, BSN95, BL93, BFL99, BBGL96, BG95, BS93, BDG+91a, BDG+92b, Beg92, BDG+93b, BDG+93a, Beg93b, Beg93c, Beg93a, BDG+95, BS96a, BDG+95, BL95, BR95b, BS96a, BS96b, BS96c, BS96d, BS96e, BS96f, BS96g, BS96h, BS96i, BS96j, BS96k, BS96l, BS96m, BS96n, BS96o, BS96p, BS96q, BS96r, BS96s, BS96t, BS96u, BS96v, BS96w, BS96x, BS96y, BS96z, BS96].

**PV** [CSC96, CDG96, CP+95, CT94a, CT94b, CPF96, CT02, CD98, CT901, DG95, DKF94a, DDYM99, DM95b, DM95a, DP94, DMMV97, DGF97, DFN12, D+1, DMS93, DGMJ93, DHP97, DPZ97, EP96, EM94, EGKD92, E94, EM92, EML98, EMLO0, ES11, EMO+93, ESM+94, EK97, FMB96, FD96, FL96, FH95, FHS09, FO94, FSTG99, FJBB+00, Fin97, FD97, FS97, For95, FS93, GRV01, Gal97, GCBM97, GS91a, GS91b, GS92, GS93, Gei93a, Gei93b, GDB+93, GBD+94, Gei96, GKP96, Gei97, GKS97, Gei98, Gx, Gei00, Gei01, GTH96, GB96, GM95, GSHL02, GFV99, GGH99, GS96, Gör01, GHL97, Gre95, Gre94, GL97b, GMU95, GKL/CY97, HB96a, HB96b, HSMW94, HJ98, Har94, Har95, HBT95, HPS+96, Hem96, HEH98, HT99, HVSH95, HH95, HRS97, Huc96, Hum95, HS95b].

**PVM** [TTT99, IvdLH+00, IDD94, IKM+01, IKM+02, JAT97, JH97, JML01, JW96, JC96,
KBA02, Kat93, KK98, KP96, KBM97, KDL+95a, KDL+95b, KG96, KCP+94a, KCP+94b, KOW97, KMC96, KS96, KZCS96, KS97, KV98, KAHS96, KK02b, LGM00, LB98, LSLZ02, LHCT96, wL94, LFS92, LFS93a, LFS93b, LH95, LC93, LY93, LLY93, LW95, LHZ97, LKL96, LDCZ97, MW98, Man94, MVT96, Man01, MP95, dFMBdFM02, MTSS94, MFTB95, MSCW95, MSP93, Mat94, Mat95, MMU99, Mat01b, MRV00, MK97, Mck94, MC98, MFC98, MLY95, MS96b, Mic93, Mic95, MT96, MS99a, MS99b, MHC94a, MHC94b, MRH+96, MS95, MC99, MWO95, Ne93, NP94, Neu94, NKB97, Ney00, NB96, NAJ99, Nov95, Obe96, Ols95, OPF00, Ott94, OWS95, PPR01, PK98, PPT96b, PPT96a, PPT96c, POL99, PT91, PKY95. **PVM** [Per96, Pet97, PTT94, Pla02, PNV01, PD98, PY95, PL96, Pu95, QRG95, QRM96, Q95, QMR90, RR90, RS93, Rag96, RS95, RHG+96, RRAG97, Rol94, RGD97, Saa94, SAS01, Sch94, Sch96a, Sch96b, SB95, SFG98, SGS95, SSS99, SPK96, Sep93, Sev98, Shi94, SA93, SR96, SHi94a, SHi94b, Sm93a, SBR95, SC96a, STT96, SMOE93, SGL+00, SGLH01, SCL97, SSS97, Sta95b, SY95, SYF96, SC96b, Str94, SKH96, Sun90a, Sun90b, Sun92, Sun93, Sun94a, SDG94, Sun96, STMK97, SN01, SCL00, Sur95b, Sut96, SL95, TAC94, TCD96, TDB06, TD98, Tsa95, Uhl94, Uh95, UH96, UKM97, VSR94, VSR95, VB99, VAT95, WK98, WH94, WCV96, WAS95b, WO97, Wis96a, WL96a, Wis98, Wis96b, WL96b, WCS99, Wu99, WLC07, XWS96, XF95, Y96, YK1+96, ZPLS96]. **PVM** [ZP106, Z94, Zem94, ZDR01, Z95a, ZG95b, ZG96, ZG98, Zol93, van93, NMC95, Ano95b]. **PVM-AMBER** [SL95]. **PVM-Based** [WAS95b, FO94, PY95, Sut96, ZPLS96, LSLZ02, TD98]. **PVM-GRACE** [YKI+96]. **PVM-Implementation** [BJS97, Huc96]. **PVM-RPC** [KS97]. **PVM/C** [GTH96]. **PVM/MPI** [AD98, BDW97, CHD07, CHD09, CD01, DKO05, DLM99, DPK00, DLO03, Kra02, KKD04, LKD08, MTW00, RWD09, ACR97, SN01]. **PVM3** [IM94]. **PVM3/AP1000** [IM94]. **PVM** [Pet90a, Pet90b, Pet91]. **PVM** [BR95c, BR95b]. **PVM** [DZGR95]. **PVMPI** [FD96, FDG97a, FDG97b]. **PyCUDA** [KPL+12]. **PyOpenCL** [KPL+12]. **pySDC** [Spe19]. **PVM** [Per96, Pet97, PTT94, Pla02, PNV01, PD98, PY95, PL96, Pu95, QRG95, QRM96, Q95, QMR90, RR90, RS93, Rag96, RS95, RHG+96, RRAG97, Rol94, RGD97, Saa94, SAS01, Sch94, Sch96a, Sch96b, SB95, SFG98, SGS95, SSS99, SPK96, Sep93, Sev98, Shi94, SA93, SR96, SHi94a, SHi94b, Sm93a, SBR95, SC96a, STT96, SMOE93, SGL+00, SGLH01, SCL97, SSS97, Sta95b, SY95, SYF96, SC96b, Str94, SKH96, Sun90a, Sun90b, Sun92, Sun93, Sun94a, SDG94, Sun96, STMK97, SN01, SCL00, Sur95b, Sut96, SL95, TAC94, TCD96, TDB06, TD98, Tsa95, Uhl94, Uh95, UH96, UKM97, VSR94, VSR95, VB99, VAT95, WK98, WH94, WCV96, WAS95b, WO97, Wis96a, WL96a, Wis98, Wis96b, WL96b, WCS99, Wu99, WLC07, XWS96, XF95, Y96, YK1+96, ZPLS96]. **PVM** [ZP106, Z94, Zem94, ZDR01, Z95a, ZG95b, ZG96, ZG98, Zol93, van93, NMC95, Ano95b]. **PVM-AMBER** [SL95]. **PVM-Based** [WAS95b, FO94, PY95, Sut96, ZPLS96, LSLZ02, TD98]. **PVM-GRACE** [YKI+96]. **PVM-Implementation** [BJS97, Huc96]. **PVM-RPC** [KS97]. **PVM/C** [GTH96]. **PVM/MPI** [AD98, BDW97, CHD07, CHD09, CD01, DKO05, DLM99, DPK00, DLO03, Kra02, KKD04, LKD08, MTW00, RWD09, ACR97, SN01]. **PVM3** [IM94]. **PVM3/AP1000** [IM94]. **PVM** [Pet90a, Pet90b, Pet91]. **PVM** [BR95c, BR95b]. **PVM** [DZGR95]. **PVMPI** [FD96, FDG97a, FDG97b]. **PyCUDA** [KPL+12]. **PyOpenCL** [KPL+12]. **pySDC** [Spe19]. **PVM** [Per96, Pet97, PTT94, Pla02, PNV01, PD98, PY95, PL96, Pu95, QRG95, QRM96, Q95, QMR90, RR90, RS93, Rag96, RS95, RHG+96, RRAG97, Rol94, RGD97, Saa94, SAS01, Sch94, Sch96a, Sch96b, SB95, SFG98, SGS95, SSS99, SPK96, Sep93, Sev98, Shi94, SA93, SR96, SHi94a, SHi94b, Sm93a, SBR95, SC96a, STT96, SMOE93, SGL+00, SGLH01, SCL97, SSS97, Sta95b, SY95, SYF96, SC96b, Str94, SKH96, Sun90a, Sun90b, Sun92, Sun93, Sun94a, SDG94, Sun96, STMK97, SN01, SCL00, Sur95b, Sut96, SL95, TAC94, TCD96, TDB06, TD98, Tsa95, Uhl94, Uh95, UH96, UKM97, VSR94, VSR95, VB99, VAT95, WK98, WH94, WCV96, WAS95b, WO97, Wis96a, WL96a, Wis98, Wis96b, WL96b, WCS99, Wu99, WLC07, XWS96, XF95, Y96, YK1+96, ZPLS96]. **PVM** [ZP106, Z94, Zem94, ZDR01, Z95a, ZG95b, ZG96, ZG98, Zol93, van93, NMC95, Ano95b]. **PVM-AMBER** [SL95]. **PVM-Based** [WAS95b, FO94, PY95, Sut96, ZPLS96, LSLZ02, TD98]. **PVM-GRACE** [YKI+96]. **PVM-Implementation** [BJS97, Huc96]. **PVM-RPC** [KS97]. **PVM/C** [GTH96].
Reproduction-Based [WC09]. Reproducible [GL99, HCA16, XLW+09]. Requirements [GSHL02, GT07, Ber96, KBB+16, LCVD94a].
Research [Ano96d, BR02, MC94, SL94a, SGHL01, Ara95, BPG94, LP00, Oed93].
Reservoir [KDHZ18, OWSA95, ZAFAM16, ZZ95, Ano95d]. Resident [JDB+14].
Resilient [CGH+14, Gua16, LCMG17, LGM17, LBB+19, MLVS16]. Resilient [ZL17].
Resolution [MAB05, Str94, BADC07, KN17]. Resolving [Str97]. Resource-conscious [ZA14].
resource-restricted [NEM17]. Resources [LSB15, NAW+96, Kos95b, RSC+19, R+92].
Response [BBC+00]. Restart [SSB+05, AKB+19, LGM17]. Restarted [dH94]. Restoration [FJB+00]. Restore [Gua16].
Restructuring [KAMAMA17]. Results [BIL99, BIC05, HSMW94, Wal01a, BR95c, DH96, FLD96, NEM17, ZA14].
Reverse-mode [HHSM19]. Review [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDL98, Che10, Mar06, MCLD01, Nag05, NMC95, Per96, Per97, SD13, Vre04, Stp02, Vog13].

Right [ZG95b]. Rim [IEE95e]. ring [ZZZ+15]. RISC [AL93, NMW93, BSvdG91]. RMA [BBW19, FSC+19, SPH+18]. RNA [WHDB05]. RnaPredict [WHDB05].
Robert [Ano95b, NMC95]. robotic [ZWZ+95]. Robust [Att96, GR07, PSLT99].
Routing [BHM94, BHM96, MTSS94, MBES94, WH94, BS94, Zah12]. RPC [KZCS96, KS97, RS93, SHTS01]. RPVM [CMM03, LR01].
RS [BGBP01, Con93, Heb93, MW93]. RS/ [Con93, Heb93, MW93]. RS/6000 [BGBP01]. RS6000 [CDM93]. RSA [WLC07]. RT [KAMAMA17]. RT-1.1 [SKD+04]. RT-CUDA [KAMAMA17].
Runtime [AAB+17, BGD12, CFF+94, DMB16, DT17, DSCL05, Gro00, KBS04, KCR+17, NPP+00d, TJPF12, ZLP17, AKB+19, ALW+15, BL99, BR94, EPP+17, EO15, HPS+12, HPS+13, KW14, LRLG19, LLH+14, MA09, NPP+00a, TSY00, YAJG+15].
Runtimes [AHHP17]. Russia [Mal95]. RWA [RLVRGP12].
S [AHHP17, Röh00]. S-Caffe [AHHP17].
[BSH15, Cza13, IKM+01, Wal01b, FMS15, IKM+02, Wal01a, ZSK15, CB11]. Searches [BSG00]. Searching [JPT14, MM01, BA06, Wal01b]. Seattle [ACM05, BS94, LCK11, Ost94]. Second [Ano00a, BL95, DT94, DE91, IEE94d, IEE96i, LHHM96, Tou96, Vol93, WPH94, ACM97a, Ano99a, Ano99b, BFM96, DMW96, FR95, KN17, Li96].

Second-Order [BL95, KN17]. Secondary [WHDB05, SEC15, ZAT+07]. Secondary section [Ano93b, DKD08]. Secondary segment [FJZ+14]. Secondary-segment [FJZ+14]. Secondary-segment-based [FJZ+14]. Segmentation [KBA02, AD95, CCU95]. Seidel [BG95, LM99, Ols95]. Seismic [AMBG93, KL95, KEGM10, LM13, QHCC17, RMMN+12, SSS99, WCVR96]. Seismograms [DP94]. Select [KKDV03]. Selected [DHS96, OL05, TB14, RH09, GL96a, Ano00a, Ano00b, She95, WL96b].

Self [NSS12, SLJ+14, TGT10, VFD02, NSBR07, WYLc12, WLYC12, WYCC11]. Self-Consistent [TGT10]. self-scheduling [NSBR07, WYLc12, WLYC12, WYCC11]. Self-Submitting [NSS12]. Self-Tuning [SLJ+14]. Semantic [EADT19, MTU+15, DF94a, OA17]. Semantically [MKW11]. semantics [RNPM13]. Semaphore [TTF97]. Semi [CT94a, Bj95, PS9T99, TC94, CT94b]. semi-coarsening [PSLT99]. semi-implicit [Bj95]. Semi-Lagrangian [CT94a, TC94, CT94b]. Semiconductor [GJN97, Ano03, LS10]. Seminar [Ano94f, Ano93h]. Send [GPC+17]. Sender [BCH+03]. Sensed [GGCM99, GCGG001, GCGS98, VLO+08, GGGC99]. sensitive [GKCF13]. Sensitivity [dLR04]. Separable [Ben01, CdGM96]. September [Abr96, AD98, Ano93a, Ano93b, Ano95a, Bos96, BP93, BH95, CLM+95, CHD07, CJNW95, CD01, CDND11, DKD05, DKD07, DLM99, DKP00, DLO03, EJL92, FK95, FR95, GHH+93, IEE93d, IEE94c, JPT94, KGRD10, Kru02, KKD04, LKD08, Mal95, MTW06, OL05, PSF+94, RWD09, SPH95, SM07, TBD12, VV95, VW92, WPH94, YH96].

Sequence [GMU95, SMM+16, AMHC11, TSZC94]. sequences [dFdOSR+19, GÁVRR17, SdM10]. Sequencing [VPS17]. Sequential [EK97, RPM+08, GGH99, SR95, TNIB17, TSZC94]. Serial [SWH15, HPS+96, HW909]. serialization [CFKL00]. Serialized [KH10]. Series [Nag05, BR94]. Server [Ano93f, AFG18, FLS98, KS97, Mat01b, Sch93, Sto98, Vis95]. Server-Class [AFGR18]. Servers [CGC+02, SIS17, GKH7]. Service [RFG+00, LS08, SPK+12]. Services [FC05, AAC+05, ZKRA14]. Session [NYNT12, ZL96]. Set [BDA+18, SW12, WL96a, Ano00a, Ano00b, She95, WL96b]. Sets [SG12, CGL+93]. setting [GL95a]. Setup [NSL16]. Seventh [BBG+95, HS94, IEE93b, IEE95g, IEE96h, Eng00, Y+93]. several [BR15]. SGI [Che99, CML04, KMG99, LB96, LL01, LK03, LSK04, TW12, ZSh01].

SGI/CRAY [Che99]. SGI/CRAY-T3E [Che99]. shadow [SOA11]. shallow [dLAMC11, dLAMCF12]. Shane [SD13]. Shanghai [IEE97a]. SHARE [Ano92, Ano93f, Ano94g]. Shared [BCA+06, BME02, Bri10, DM98, DMB16, FKH02, FB94, GB96, GLR03, HC10, HDN+12, HT01, KB98, KSS01, LRT07, Luo09, MBE03, MCD+S+08, Müll02, NPP+00d, PBK00, PK96, PS00b, Ros13, SS01, STY99, ST02b, Thr99, VS00, VT97, ABC195a, ABC195b, ADMV05, BMG07, CBPP02, CvdP08, Cha96, CCM+S+06, CC00b, DBVF01, DS96b, DP97, EV01, GCN+10, GL96, GL97c, HS93, HDN+S+13, JE95].
KJA^+93, KC06, LKL96, MLC04, PK05, 
RGDM15, SHHI01, SL94b, SFL^+94, SSC96, 
TSY99, TSY00, THDS19, Vos03, WMRR17, 
WRMR19, YWO95, YX95, Cha05.

**Shared-Memory**

[DM98, HDB^+12, NPP^+00d, Pok96, Thr99, 
PS00b, ABC195a, ABC195b, BMG07, GL96, 
GL97c, KJA^+93, PK05, TSY00].

**shared/distributed** [THDS19]. **Sharing**

[Att96, CML04, CB16, DiN96, JAK17, 
KK98, JE95, Ott93, PRS^+14]. **shear**

[JAT97]. **ShearLab** [KLR16]. **Shearlet**

[KLR16]. **SHMEM** [BBDH14, Hus01, LSK04, Sch96a, Sch96b, 
SS01]. **Short** [KBM97, MH01, SSLMW10, 
BMPZ94a, PARB14]. **Short-Range**

[KBM97, MH01, BMPZ94a, PARB14]. **Short-Read**

[SSLMW10]. **shorter** [NB96]. **Showcase**

[USE00]. **SHPCC** [IEE92]. **SHPCC-92** [IEE92].

**SiAM** [BBG^+95, DKM^+92, Sin93]. **Side**

[kLCCW07]. **Sided**

[BPS01, GFD03, GFD05, GT01, HDB^+12, 
LRT07, MH01, MB00, TGT05, TRH00, 
ZSG12, bT01a, BM00, DPFT19, DDB^+16, 
GBH18, LSK04, MS99c, PGK^+10, GBH14].

**SIGCSE** [ACM06a]. **Signal** [IEE95e].

**signals** [Uhl95c]. **Signatures** [Gro00].

**significance** [AMHC11]. **silent** [FME^+12]. **silicon**

[Ano03, Goe02, ZL18]. **Silicon-Monona** [ZL18].

**SIMD** [BvdB94, HS95b, KDT^+12, LL16, Sur95b, 
VSW^+13, WMK^+19, vdP17]. **Simple**

[MSF00, Mli01, SC04, BC19b, ITT99, 
JH97, Nes10, PN01]. **simulate** [Heb93].

**Simulated**

[BHM94, BHM96, FH97, RSBT95].

**Simulating**

[DLM^+17, KDL^+95b, KDE^+95a, NFG^+10].

**Simulation**

[CDMS15, CCBPGA15, DMMV97, DZDR95, 
GSI97, GM95, GJN97, Ham95a, JML01, 
KDHZ18, KBM97, KMK16, LLRS02, 
MFTB95, MPD04, MANR09, PCY14, 
PKYW95, PZKK02, RR00, RDMB99, 
SSAS12, SXXM^+18, Str97, Ten95, UZC^+12, 
WMC^+18, ZZ04, ZWJK05, dlAMC11, 
ASAK19, Ano95d, ADR^+05, BJ95, BCM^+16, 
BH95, BPMZ94b, CwCW^+11, CSPM^+96, 
DSOF11, FHS99, FO94, FLPG18, FFFC99, 
GRTZ10, JAT97, JLS^+14, KJDT03, 
KMN^+18, KMC96, KMC97, LFS^+19, 
LCVD94b, LCVD94a, LYZ13, MMW96, 
MALM95, NB96, NF94, OKM12, PARB14, 
PY95, RFH^+95, SWYC94, SSP^+94, SKM15, 
Str96, Syd94, Tho94, WHMO19, WGG^+19, 
YP94, YEG^+13, YSL^+12, Eng00].

**Simulation-Based** [ZWJK05].

**Simulations** [CGS15, CNM11, DFMD94, 
Di02, GAP97, HLP11, HF14a, HF14b, KT02, 
Kha13, NH95, RTRG^+07, SM02, YPAE09, 
ADT14, ABG^+96, BHS18, BADC07, CFF19, 
GM18, Hln11, JMS14, LS10, LSVMW08, 
RMNM^+12, SU96, THDS19, TOC18, 
VLSPL19, WWFT11]. **Simulator** [CAM12, 
MRV00, PHO^+15, UTY02, WPC07, AMV94, 
LS10, PWD^+12, WZWS08, ZAFAM16, ZZ95, 
KTJT03, Nak03, Nak05a, Nak05b].

**Simulators** [SB95, AUA^+16]. **Singapore**

[IEE96d]. **Single**

[BM00, HF14a, HF14b, MB00, URKG12, 
WZM17, AGIS94, KKL11]. **Single-Chip**

[URKG12]. **Single-sided** [BM00].

**Single-Threaded** [WZM17]. **single/multigrid** [AGIS94]. **singleton**

[TVCB18]. **Sinks** [JPT14]. **Sites** [Ano98].

**Sixth** [HK95, IEE96e, MMH93, SW91]. **size**

[GKCF13]. **sized** [JLS^+14]. **Sizes**

[DALD18, ZSNh01]. **SKaMPI** [KRS99, 
RSPM98, RH01, Reu01, RST02, Reu03].

**SkelCL** [SG14]. **Skeleton**

[GB98, IH04, RJHD14]. **Skeletons** [Ser97].

**Skjellum** [Ano95c, Ano00b]. **Slack**

[KFL05, FKLB08]. **SLEA**

[ADRCT98, AK99]. **Slave** [LTR00, HP05].

**SLEPC** [DR18]. **SLICC** [KBHA94]. **Slices**

[GSHEL02]. **Slim** [WMC^+18]. **Small**

[HLP11, TS12b, Ano94h]. **small-footprint**
Small-World [HLP11]. Smith [KDSO12, RGB+18]. Smithsonian [Str94].

SMP
[Add01, CRE99, CRE01, CCBPGA15, HD02a, DK06, GT01, GMdMBD+07, HD02b, Hus00, HIP02, JKKH08, KOI01, KKH03, KMG99, KAC02, NO02b, NO02a, ST02a, TOTTH99, Tr02b, YWVC11, bT01a].

SMPCkpt [DCH02]. SMPI [DLM+17].

SMPs
[HLCZ00, NU05, SvL99]. SMPSs
[MLAV10]. SMPSuperscalar
[GCBL12].

SMT
[PAdS+17]. SMT-based
[PAdS+17].

snake
[JPP95]. snake-in-the-box
[JPP95].

Snir
[An096a, An099a, An099c, An099b, An099d, Nag05]. SnuCL
[Lec12]. soccer
[YMY111].

socket
[Gro919, LS10]. SoCs
[AFG18]. Softshell
[SKK+12]. Software
[An94i, BME02, BPG94, BDG+92x, CZ95b, DGH+19, ESB13, FF003, GBF95, Gre95, HPR+95, HSA95, IEE951, IEE96h, IF095, KS15a, KC94, KAMAMA17, KG93, LB16, MBE03, NPS12, Ost94, PZ12, SI96, Swa01, TDBEE11, VdS00, Wis01, Wol92, An097, BSC99, Boi97, Bra97, BR94, CMV+94, CBPP02, DPZ97, Hum95, JH97, JB96, LM94, MK94, Neu94, Old02, PHA10, PK05, PKG+10, RAS16, SHH01, Sch94, Sei99, SPH95, Str94, WGG+19, ZGN94, An094i, KG93, SI96]. Software-Managed
[LB16].

Solan
[CGB+10]. Solans
[An091a]. solidification
[JLS+14]. solids
[Han11].

Solution
[DWL+10, FBSN01, HO14, MC18, RPM+08, SEF+16, Tsz12, VR031, DWL+12, IM95, JK10, LSR95, MALM95, ON12, PRS+14, SC96a]. solutions
[AGIS94, LMG17]. Solve
[Hog13, LSM+18, Riz17, BAV08, Che99, GGGC99]. Solver
[Ben01, BP98, CF01, HSMW94, IDD94, L97, SJK+17a, SJK+17b, WJB14, YKW+18, AMS94, CP15, CFF19, DM12, HHS19, JR10, LM99, Lou95, OGM+16, RM99, SRK+12, SCC95, THM+94, ZZG+14].

Solvers
[DFN12, DLAD18, GK10, MSB97, NO02b, Nak03, NHT02, NLRH07, QRMG96, RS97, WR01, ABF+17, ADL03a, ADL03b, ADDR95, BRR99, CL93, DR18, MKP+96, MS95, NO02a, Nak05a, Nak05b, NHT06, PR94c, QRG95, SSH08]. Solving
[ADRCT98, BHM94, BV99, BG95, BDG+92c, BSH15, DADL18, DAD19, GFFG12, Huc96, LLY93, MS02a, NF94, SAS01, SP11, SD99, ZTD19, BB95a, DSM94, HHA95, LBB+16, LYSS+16, MM11, SSB+16, SMSW06, YSVM+16, YSMA+17]. SOM
[GkLyCY97]. Some
[BTD08, Mü101, Pet97, AL92, NN95, RSTBT95]. Sorpron
[VV95].

Sorento
[DKD05, DKD07]. sort
[KVGHH11, PSHL11]. Sorting
[LTS16, BHJ96, PSHL11]. Sound
[SG12].

Source
[BGG+15, MM07, AC17, AVA+16, NCB+17, Nob08, PSK+10, WGG+19].

Source-Code-Correlated
[MM07]. source-to-source
[AC17]. Sources
[ZDR01, KM10]. South
[ACM95a].

southeast
[ACM95a]. Sowing
[GL17a]. SP
[BBGP01, CE00, HMKV94, LC97b, WT11, WT12]. SP-1
[HMKV94]. SP-2
[LC97b].

SP1
[BR95c, FHPS94b, FHP+94, FHP+95, Fra95, FWR+95, GL95d, HSMW94, MP95].

SP2
[BR95b, FHP+95, Fra95, FWR+95, HW97, JF95, KB98, KHS01, MABG96, XH96].

SPAA
[ACM95b]. Space
[CML04, CB16, HO14, MSF00, OFA+15, SAS01, SSO1, TA14, SRK+12]. Space-Sharing
[CML04]. Space-Time
[HO14, SRK+12]. Spaces
[Röt19]. SPAI
[BB99]. Spain
[DL99]. SPAN
[LHHM96, Li96]. Spanish
[VP00]. spanning
[NCKB12]. Spark
[GRW+19, KWEF18]. Sparse
[AZ95, BHB12, DS13, Huc96, NHT02, TD98, ZB97, AK99, ADL03a, ADL03b, ER12, FJZ+14, GG99, Gra09, NHT06, XXL13]. SPEC
[An03, MrVL+10, MM+12, NA01, SGJ+03, TSB03]. Special
[AM07, BDT08, BC19a, BDB+13, BC00, CHD09, DKD07, DKD08, GSA08, GT19,
MPI98, Bos96, Mar02, PNV01, Reu01, Old02].
Specific [DM95b, DM95a, Olu14].
Specification [BG94a, BdS07, MGC12, MHSK16, BG94c, LPD+11].
Specifications [OFA+15, WMP14]. Specified [GMH97].
specifying [LPD+11]. specimen [Rol08b].
SPECT [BCD96]. spectator [YMYI11].
Spectra [Str97, SR11]. Spectral [MW98, Spe19, BCM+16, MGS+15].
spectral/hp [BCM+16]. Speculation [AELGE16, SHLM14].
Speculative [RA09, dOSM+16]. Speed [CDHL95, Tou00, AH95, BWT96, BID95, MKM16, CDH+95]. Speeding [CSV12]. Speedup [VPS17]. SPH [CP15, OLG+16, PBC+01, WMRR17, WMR19].
Sphere [CT94a, CT94b]. spherical [Hol95, KT10]. SPICE3 [WPC07]. Spiking [CAM12]. Spin [HLP11, KO14, Kom15].
splitting [TCBV10]. SPMD [BST+13, Dar01, KAC02, Wal00, Wal02].
SPMD-Like [BST+13]. SpMV [CBIGL19]. Spokane [IEE93c]. Sponge [HSW+12].
SR8000 [NNON00, TSB02, TSB03]. SRP [BBC+19]. SS7 [LTLC94]. SSGM [HPS+96]. SSS [MMH98]. SSS-CORE [MMH08]. St [Ma95]. Stability [DSS00].
stable [JMdVG+17]. Stage [FSXZ14]. stages [SRS+19]. staggered [GM18].
Stampl [ITKT00]. stamping [DPFT19].
Standard [DM98, GIS97, GLP+00, GL95c, Hem94, MP98, NH95, SKD+04, SGS10, Wer95, YKL17, Ano94d, BDB+13, Bor99, Cla98, CG99b, DHHW93b, DOSW96, FB95, GKL97, GL92, Hem96, Sti94, VM95, Wal94a, Wal94b, WD96, Ano97, Bra97, CGH94, DOSW95, GLDS96]. Standards [FKKC96, Th99]. Star [CDM93, Coo95a, Coo95b]. STAR/MPI [Coo95a, Coo95b]. Start [Gro02b, Hus98].
Startup [PS07]. State [ACM11, IEE94f, IEE95j, Wis96a, Wis96b, BCT+17, LF93b].
state-to-state [BTC+17]. states [NS16]. Static [NIO+02, NIO+03, RLRVGP12, SCB15, SCB14]. Static/dynamic [SCB15].
Statics [TG94, TG94]. Stationary [MW98].
Statistical [LR01, SNMP10, AMHC11, KKM15, Roh00, SL94a, Vet02]. Status [Bak98, DZ98b, GL95c, BDFG+93b, FHP+95, Hem96, Sun96]. stealing [TCBV10].
Steepest [Sch01]. Steering [GK97, PK98].
Stencil [CGU12, WTT17, KD13, TBB12].
stencil-based [TBB12]. step [RT95b, ZG98, dP17]. Stereo [Bd12, Qu95].
Steve [Ano96a, Ano99a, Ano99b, Nag05]. Steven [Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Nag05].
Still [HCA16]. Stochastic [DK02, LRRS02, MW98, PTMF18, RSV+05, JK10].
Stockholm [Eng00, HAM95b]. Stokes [Che99, DLR94, HSMW94, ID94, Lou95, PTT94, SCC95, ZG+14].
stop [Gu16, LMG17]. stop-and-restart [LMG17].
Storage [ACM04, Hol12, LCK11, HP11, NFG+10, RGGP+18, ZWD18].
stores [HSP+13]. straight [YULMTS+17].
Strategies [MM02, BVML12, CG99a, DBVF01, MM03, OPW+12, PSM08, SIC+19, TSZC94, VB99].
Strategy [AIM97, DI02, Hat98, VPS17, ZH94, ZG12, DKF94b, DR95, MSL12, PSV19]. strayed [Rol08a]. stream [HSW+12, LGMDRA+19, UGT09].
Streaming [IADB19]. Streamline [CGC+11]. streams [TCBV18].
StreamScan [YLZ13]. Strength [Kun00].
String [KMM15, MM02, MM03].
stripped [KDS012].
Strongly [GAP97, ZZG+14].
Structural [PSS01]. Structure [CBL10, LAF15, SYF96, WHDB05, EPML99, SEC15, SY95, ZAT+07].
Structured [FB96, Mar06, MRB17, NLRH07, Ran05, Bis04, CLSP07, FR95].
GBR15, JAT97, Sni93b. **Structures**

[GMPD98, JY95, KA95, OKW95, SHPT00, WB96, YPA94]. **Studies** [DHP97]. **Study**

[AIM97, AFGR18, BF01, BHLS+95, DARG13, DJJ+19, EGC02, FPY08, GL97a, HHC+18, KCR+17, LSB15, MM02, NSLV16, NA01, PK05, RRBL01, SCL01, TG94, AGR+95b, AML+99, BJ13, BfDA94, BJS99, BY12, Br900, CBM+08, DX96, ED94, FO94, JR13, JLGO5, KGB16, LPD+11, LLH+14, MS96b, PSK08, PGK+10, PSHL11, RSBT95, RJC95, TPDI5, Wal01b, WLK+18, ZSK15]. **Stuttgart** [KGRD10, WPZH94]. **Style**

[JP0112]. **Sub** [MJG+12].

**Sub-communicators** [MJG+12].

**Subcircuit** [HLO+16].

**Subdomain** [CEGS07].

**Subdomains** [SHHC18].

**Subgroup** [XLW90]. **Submitting** [NSS12].

**Subrange** [Str97].

**Subroutines** [dCH93].

**Subsurface** [ED94].

**Subsystem** [BMG07, MAB96].

**Subsystems** [STMK97]. **Subtle** [SAL+17].

**Success** [Gro01a]. **Successful** [Gro12].

**Suffix** [DK13].

**Suitability** [Mat01b]. **Suitable** [MAS06].

**Suite** [ACMR14, AKE00, BWV+12, BB9+12, RIz17, Ana03, BO01, MvWL+10, TG09, YSWY14, SNMP10].

**Suites** [CMCS00, SJC+03]. **Summation** [IHMF05]. **Summit** [BC19b]. **Sums**

[ST17, MYB16]. **SUN**

[BM00, SJ02, WS99].

**Sunderam** [An95b, NMC95].

**Super** [Gua16, XY95].

**Super-Object** [XY95].

**Supercomputer**

[An93a, CLP+99, Str94, AAC+95, BGH+05, EFR+05, GL96, GL97c, KMH+14, NSM12, Ste94, GS91b, MAB05].

**Supercomputers**

[BP93, BDG+92c, EKTB99, KN17, WT11, WT13].

**Supercomputing**

[ACM96b, ACM04, ACM05, BDG+91b, HK93, IEE01, IEE93e, IEE94h, Lii95, Sch94, ACM94, ACM96c, Ana93g, BG91].

**superlattice** [Pri14].

**superscalar** [ACJ12].

**Supersonic** [CCBPGA15]. **Support**

[An98, BBG+10, BFBW01, CFF+94, DMMV97, FGRD01, GRYV1, GM+00, HRS97, LMRG14, MK04, OP98, PSM+14, RR02, SDN99, SBT04, TW01, Wis98, Wis01, YSP+05, ZL18, BBH...13a, BL99, CC10, CZ95b, DLR94, HS12, Ma94, RS19, TSY99, TSY00, TY14, WK08a, WK08b, WK08c, YAJG+15]. **Supported** [KLR16, CDD+96].

**Supporting**

[FD00, FMSG17, FSG19b, GAML01, Gua16, MMS07, OOS+08, WLNL03, WLNL06, WCS99, YWCF15, FLN06, GAM+00].

**Supports** [AELE16, CLL03, DGC93].

**suppression** [WWZ+96]. **Surface**

[KS15b, PKY95, Röt19, BHW+12, DCD+14, RAG95, TSP95]. **surfaces**

[Dab19].

**Survey** [Saps97]. **Survive**

[ABB+10]. **sustainable** [CBG+15].

**SVD**

[CMBH99]. **Swan** [HD11].

**Swapping**

[SC04, BBW19].

**Sweden**

[Eno90, HAM95b, FF95].

**Swendsen**

[KO14, Kom15]. **Switch** [SCL01, TBD96].

**Switched** [LC93, KYL03, KYL05].

**SWITCHES** [DT17]. **Switzerland**

[GT94, An94i, IEE97b].

**SX**

[HRZ97, TRH00]. **SX-4** [HRZ97]. **SX-5**

[TRH00]. **Sydney** [Bil95]. **Sylvester**

[GG91]. **Sylvester-Type**

[GG91].

**Symbolic**

[CCK12, Coo95b, Ste00, YYW+12, ACM97a, BHKR95, Coo95a, Lev95, LKQ10, LLG12, SAMA08].

**Symmetric**

[BDV03, MDM17, YKW+18, BAV08, DCH02, GGG99].

**Symposium**

[ACM95b, ACM96a, An94a, An95d, BG91, DE91, HHK94, IEE93c, IEE93b, IEE94a, IEE94e, IEE94g, IEE95c, IEE95d, IEE95k, IEE95f, IEE95g, IEE96b, IEE96c, IEE96f, IEE96e, IEE97b, IEE97c, IEE05, LHHM96, Li96, NM95, Ost94, SL94a, Sie94, Sie92a, Sie92b, Ten95, Tou96, USE94, UCW95, ACM97a, ACM06a, Ana93a, Ana94h, Lev95, Old02].

**synchronisation** [SDB+16].

**Synchronization**

[LA02, OCY+15, TGT05, BMG07, LA06, TMTP96, YLZ13].

Synthesizing [AJF16, NP12]. Synthetic [CC17, DP94]. Syracuse [IEE96f]. SYSMO [MM95]. System [Ada97, AJ97, AH00, BG95, BDG+xx, BL95, BF97, BGD12, CAM12, CGC+02, DAA97, DALD18, ERS95, ERS96, EK97, FBD01a, FVD02, FP03, Fis01, Gal97, GCBM97, GS91b, GS92, GSxx, GM95, Gre95, HS94, IAD91, KBA02, LLR02, LTR00, LLY93, MAF94, MRV00, MM02, MSF00, MMH98, MMS07, MMH93, NPP+00d, NMS+14, Oed93, PPT96a, RGD97, SG+03, SCP97, SA93, ST02b, Sun93, TSS00b, Tst07, UP01, WIL93, ARS99, AS92, AL92, BB94, BRI95, BBH+15, DL10, DFPT19, FNSW99, FK94, GS91a, GS93, GS96, GMU95, GkLGCY97, HDDG90, Hum95, HS95b, IBC+10, ITT99, JH97, JLS+14, KW14, Kik93, LBD+96, LKL96, LL95, MA09, MMR99, MMB+94, MAS06, MM11, MS99b, MALM95, NA99, PPT96b, PPT96c, PK05, RJDH14, RLT99, SHHIO1, SL94b]. system [Sei99, SPL99, SGDM94, Sun96, Sur95b, VSR9C, VSR95, WCC+07, WZWS08, YPZC95, YPZC95, ZL96, ZPLS96, ZWZ+95, dCZG06, AL93, NMW93, Yan94].

System-Initiated [SSB+05]. system-on-a-chip [dCZG06].

System/6000 [AL93, NMW93]. Systeme [GBR97, GEW98]. Systems [AAB+17, Ano94b, Att96, BCGL97, BBP01, BME02, BPG94, Bha93, CDJ95, CAVL17, CFF+94, CS97, C JW95, Coo95b, DAD19, EADT19, FIO06, FGKT97, Fos98, Gua16, HRS97, IE93d, IE94d, IE95a, IEE96i, KKK93, KP96, KDL+95b, KCR+17, KS97, LY93, LW97, MWW97, MBE03, MJB15, MBB+12, SM03, SGS10, SS96, TMP16, THN00, USE94, YGH+14, YH96, ZTD19, ZB97, dGJM94, AGR+95b, ACMZ91, ATL+12, Ano94c, BB+94, BAV08, CCO+94, CLYC16, CBPP02, Coo95a, CPR+95, DF17, DR94, DBVF01, DvdLVS94, FHB+13, GBR97, GNC+10, GE98, GKK90, GKF93, Gra09, GFP12, GHH+93, HHA95, IM95, JB96, JJM+11, KSG13, KB+99, KLV5, KDL+95a, KFS94, LRO6b, LH98, LRLG91, LCVD94b, LLH+14, MSL12, MvWL+10, Old02, OPW+12, Pan95b, Par93, PSB+19, QBI2, RPS19, SSKF95, SCJH19, SPH95].

Systems [SVC+11, Smi93b, SG14, SMW06, SLN+12, Sun94b, TBB12, TMW17, TVCB18, TSP95, VLMP8+18, WCSS+13, WZW+96, WADC99, WYLC12, ZL96, ZGC94, dH94, dIAMC11, diAMCFN12, JW96]. Systemsoftware [Sei99]. systolicic [BSC99].

T3D [AZ95, AFST95, CCMS97, HWW97, MP95, MWO95, Oed93, Sch96a, Sch96b, SCC95].

T3E [BB999, Boo01, Che99, GRRM99, LSK04, RBS97c]. T3E-512 [RB97c].


Talbot [ACMR14, Riz17]. Tapir [SML17].

Targeting [BC19b, JK+17, RVKP18].

Task [AHD12, AAB+17, FKKC96, GDDM17, GPC+17, GFJT19, IOK00, KOI01, LHCHT96, Mar03, MJB15, NIO+02, NIO+03, NSZS13, NJ01, OP10, OS97, SG200, SPL+12, TBS12, TS12a, YKW+18, APBcF16, ABF+17, BLVB18, BGH+05, GKF13, OdS99, OPW+12, OPP00, RFH96, RFH96, STP+19, SKB+14, WC15]. Task-Based [AHD12, AAB+17, GFJT19, SPL+12, BLVB18, STP+19, SKB+14].

Task-Overlapped [GPC17]. Task-Parallel [NSZS13, APBcF16, ABF+17]. Taskers
[FLD96]. Tasking
[DAF+09, KaM10, SHM+10, TCM18, TSCaM12, VLSPL19, WC15, vDP17]. Tasks
[ACD+09, DDP+19, DT17, DFA+09, JW96, OP98, PWPD19, RR02, RDLQ12, YSS+17, BS01, DMY99, DR95, FKK+96b, FKK96a, IvDL+00, FKE+10, PWPD19]. TAU
[MMS07, RMS+18]. taxonomy [SPH96].

TBB [Stp18]. TBSCM [BP98]. TC2 [Boi97]. TC2/WG2.5 [Boi97]. TCGMSG [GB96, Mat94, Mat95]. TCP [KPW05]. TD [And98].

Teaching
[MK00, JY95, MK97, PKB06]. Technical
[Ano93c, Ano98, MC94, USE95, ACM06a, Sni18]. Technique
[BCD+15, HC06, HAA+11, MK17, HC08, Nes10, RBB17, MAIVAH14]. Techniques
[CP97, GS02, SAL+17, SPL+12, TGBS05, Wis01, BPG94, Fer04, FCS+12, GSM+00, HKMC94, JKN+13, KBB+09, NFG+10, PF05, SKS01, WST95].
technologies [Mal95]. Technology
[Ano97, Bra97, CGB+10, CSV12, Dan12, GJ95, H94, PWP+16, SBT04, TBG+02, Ano93a, Ano93c, D+95, DM12, IEE94e, NS16, ZAT+07]. Tekniska
[Eng00]. Telegraphic
[ES11]. TELMAT [BR94].
temperature [Hin11]. Template
[HS97, PKB06]. Templates [BN12, KH15]. Tennessee
[PR94b]. Terabyte
[IEE02]. teraflops [KTJ03].

Terms [KD12]. Tessellation
[SS09]. Test
[SNMP10, TG09, AAAA16, CPR+95, GL92, TGKL19]. Testbed
[Mat01b, EGH99, PY95]. Testing
[CCK12, DFK94b, DLLZ19, Ost94, Vs00, CMV+94, DFK93]. Testsuite
[WCC12]. Texas
[ACM06a, IEE94b, IEE95l, IEE95g, IEE97c, Y+93].

Text
[LTR00, MM01, RLL01, RTL99]. Textbook
[Ano98]. textural [WKS96]. texture
[HE15]. TFETI [SHHC18]. TH [CFDL01].

TH-MPI [CFDL01]. Thakur [Ano00a].

Their [Bri12, GOM+01, RG18, GSMK17].

theorem [Sut96]. Theory
[GIK10, BW12, CBHH94]. Thera
[CD01]. Think
[HCA16]. Third
[BP94, Bos96, DSM94, GA96, IEE94g, Si96, Was96, BDLS96, Mla95, IEE97c]. Thirty
[Y+93]. Thirty-seventh
[Y+93]. Thousands
[PZKK02, BMS+17]. Thread
[AELGE16, BB18, ETWaM12, GOM+01, GT07, Ntt00, PT02, STY99, SPB+17, AKB+19, HK09, IDS16, JKN+13, SPH96, SLN+12, YZ14].

Thread-based
[AKB+19]. Thread-Level
[AELGE16, HK09, YZ14]. Thread-Safe
[Pla02]. Thread-safety
[GT07]. Threaded
[BBG+10, MG15, WZM17, Ada98, EBKG01, SCB15, SVC+11, TSY99, TSY00].

threaded-MPI
[SVC+11]. Threading
[BBV12, MLGW18, SBT04, TBG+02, WMK+19, KPO00, KRG13, QB12, ZAT+07].

Threads
[CP98, LD01, Lee06, BS01, DJJ+19, MVTP96, ALW+15]. Three
[Car07, GA96, Nak05b, Ram07, SAS01, GSMK17, LSSZ15, Mar05, PR94c].

Three-Dimensional
[GA96, LSSZ15, PR94c]. Three-level
[Nak05b]. Throughput
[SSLMW10, Tss07, CJPC19, ES13, PP16].

throughput-oriented
[CJPC19]. Tightly
[SS01]. Tightly-Coupled
[SS01]. Tilewise
[KS15b].

Time
[BCL00, DLLZ19, FHK01, FSSD17, GSHL02, GOM+01, HO14, KFL05, MFTB95, OP98, SPB+17, SCL01, SS96, TBE05].

TBH+05, FKL08, GB94, HE13, JH95, K94, KPL+12, LHLK10, LB+16, LYY+16, LM13, MMW96, NNZ94, ON12, OsDSSP12, PTMF18, QQM17, Ram07, SBW91, SSB+16, SK92, SRS+12, TSY99, Yue94, TVV96, TCBV10, UH95c, VM94, YSVM+16, YSM+17, ZWH+95, SKD+04].

time-dependent
[DM12, LBB+16, LYY+16, ON12, SSB+16, YSM+16, YSM+17].

time-domain
time-independent [CDMS15],
time-stamping [DPFT19], Time-Varying [DLLZ19, Uhl95c], times [MLVS16, NB96, SSS99].
timing [Ols95], tips [Fer04].
TLM [SC96a], TM [GGCM99, GGGS98, KHS01].
TOD [GPC+17], TOD-Tree [GPC+17]. today [IEE94c].
Toepitz [BV99, Bav08]. Tolerance [GKP97, GL04, LMRG14, LMG17, LS08, NCB+12, NC+17, PK95d].
Tomographic [Pat93]. tomography [FWS+17, RCF96]. tomorrow [IEE94c].
Tool [Ano11b, Beg93b, BFMT96b, DW02, GSN+01, KAMAMA17, KSJ14, KKP01, LMRG14, MMSW02, MO4, NE98, SR96, SGL+00, Tra+12b, VBB18, WL96a, AGG+95, BDF+10, Beg92, Beg93c, Beg93a, BDFY99, BFMT96a, BHW+12, CPR+95, DKF94a, FSTG99, HPR+95, HD11, LCC+03, MdSAS+18, RSM+18, TSS98, WL96b, WL06b].
Tool-Set [WL96a]. Toolbox [An097, Bra97].
Toolkit [An012, LC07, LLC13, SL96].
Tools [ABC+00, BGD+91b, BGD+93a, BS96a, BDL98, BoFBW00, Cha05, CDD+96, DT94, EV01, GMPD98, MH94b, MCLD01, PKB01, STMK97, Vos03, Wan97, AVA+16, BDG+92a, BFIM99, Fan98, GBF95, LH98, MSW+05, MH94a, ZL96].
Tools-supported [CDD+96]. Top [AH90, Gal97, Hus01, Man01, PTH+01b, Ser97, BBCR99, PTH+01a, SSC96, SCL97, CCHW03].
TOP-C [CCHW03]. ToPe [JKM+17].
topologies [BCM+16, Gro19, MK00]. Topology [DK06, Hat98, HM01, Tra02a, GJMM18, HRR+11, MBBD13, SPK+12].
topology-aware [MBBD13].
Topology-Based [HM01]. TOPPER [KKP01]. Toronto [GK+93, Vos03].
Torus [DDP+19, SG15]. Townsend [DT94].
TPVM [FS95, FS08]. Trace
[Ney00, FLPG18]. trace-based [FLPG18].
Traceback [dOSSM+16]. Tracefiles [FCP+01].
Traces [CC17, MANR09, WM01, CDMS15, DWM12]. Tracing [CGDL01, DP94, KG96, CG93, Mor95, SGS95].
Tracking [GAP97, HD02b]. tradeoff [RPS19].
Trading [BHM94, BHM96]. traffic
[Zah12]. Training [CSV12]. Transactional
[BWW+12, MFG+08, SBB+12].
Transactions [BWW+12]. Transfer
[BKGS02]. Transfers [THS+15].
Transform [YULMTS+17, KT10, DLBL11].
Transformation [CLA+19, EP96, NSZS13, GSKM17, HZ96, TS00]. transformations [JE95, TG94]. transformed [BY12].
Transforming [PSK+10]. Transforms
[ACMR14, KLR16, HP11, Uhl95c, Zem94].
Transient [SIS17].
transistor [Ano03].
transistors [Ano03]. Transition [MRV00].
Transitive [CGPR98, PPR01]. Translating
[Mar09, NCB+12].
Translation [DDL00, SSE12, HCL05, LME09, NCB+17].
Translator [KKM16, UZC+12, CHKH15, GScFM13].
transmitters [WWZ+96]. Transparent
[CKK+95, IF+16, NPP+00c, RVK91, SLGZ99, LFS93a, LFS93b, LFL11, NPP+00a, SAA11].
Transparency [CB16].
Transport [KHS01, RS97, VRS00, WR01, ZO04, Pri14, SH94, SCJH19, WH96].
Transporter [Fer92]. transpose [Bha98].
Transposition [HD02b]. Transputer
[Ara95, ACD94, CJS95, FK95, FF95, GN95, GHH+93, MC94, dGJM94, ZPLS96, Ara95, CJS95, GHH+93, dGJM94].
Transputers [ACDR94, AG+95b, dCH93].
TransTech [Ste94]. trap
[LBB+16, SSB+16, YSV+16]. TRAPPER
[KFSS94, SKF95]. travel [SSS99].
travel-times [SS99]. traveling [GM94].
traversing [BDG92b]. TreadMarks [LDCZ97]. Tree [DAD19, GPC+17, ADB94, AB13, BCAD06, CG93, SGS95, Zah12].
Trees [CDP03, GFJT19]. Trends [Duv92, IEE93d, MBS15, JPTE94, SGDM94, Sun96].
Triangle [SL94a, SOA11]. Triangular [Hog13, MRB17]. triangulated [Dab19].
tricks [Fer04, LK14]. Tridiagonal [DALD18, DAD19, DR18, VLMPS+18].
Triolet [RJDH14]. Trivandrum [IEE96a]. Troy [SS96]. Truncated [ZB97].
truncating [Ram07]. TSMC [Ano03].
TSUBAME [NSM12]. Tsukuba [SHM+10].
tsunami [KNH+18]. TTIG [RRBL01].
Tucson [JB96]. Tuning [Ben18, Cza02, Cza03, LWSB19, NPP+00d, SLJ+14, WG17, DBLG11, FE17, LGG16, SH14, Yan94, FVD00].
tuple [MYB16].
tuple-based [MYB16]. Tutorial [Str97, MRRP11, Str96].
turbulent [BCM+16]. turbid [BCM+16].
Ty[EM00a, EM00b, GBD+94, GLT00b, Nov95, NMC95, Per96, Ano95b]. TV [CIJ+10].
Twenty [ERS95, ERS96, HS94, IEE95c, MMH93].
Twenty-Eighth [ERS95]. Twenty-fifth [IEE95c]. Twenty-Ninth [ERS96].
Twenty-Seventh [HS94]. Twenty-Sixth [MMH93].
Two [CM98, STY99, SJK+17a, SJK+17b, YM97, AGR+95b, AL93, ADLL03a, ADLL03b, CB11, ED94, HAJK01, MSG93, dAMCFN12].
two-Dimensional [SJK+17a, SJK+17b, AL93]. two-layer [dAMCFN12].
two-level [STY99].
two-phase [ED94]. TX [AMC00, Cha05, DKM+92, Ano95a, Ano95d].
Type [GK10, MSB97, FVLS15, GFG12].
Types [Wei94, NYNT12]. typing [OA17].

UK [Abr96, AD98, EJL92, HK95, BP93, CJNW95, MC94]. UKMO [RSBT95].
ULFM [LCMG17]. Ultra [SJ02].

Ultra-High [SJ02]. Ultrafast [KRC17, FWS+17]. Ultrasonic [ASK91, DLLZ19]. Umgebung [GBR97].
UML [RGD13]. UML/MARTE [RGD13].
Umpire [VdS00]. Unbalanced [OP10].
unifying [CCM12]. Unintended [SL+17].
unit [VDL+15, SM10]. United [Boi97].
Units [KS15b, LSVWM08, ABDP15, BHS18, LHLK10, WWFT11, HJB14].
Universal [W97, DDM95]. University [CGB+10, IEE95d, IEE95j, R+92]. Unix [OLG01, RBS94]. Unleashing [CM18].
unscharfer [Wil94]. Unstructured [AB93a, NO02b, SM02, SM03, AB93b, NO02a, TP15]. unveils [Ano93].
UPC [EGC02, MT16, Mar05, SJK+17a, SJK+17b]. Update [KT10, GSK17].
Updates [ESB13, KS15a, ZDR01, HSE+17].
UPM [NPP+00d]. ups [Ano03]. USA [ACM96b, ACM98b, ACM00, ACM06a, AGH+95, BBG+95, BS94, Cha05, CGKM11, DT94, EV01, EdS08, ERS96, Gat95, Ham95a, Hol12, IEE95b, IEE95d, IEE96e, IEE96i, MCDs+08, Old02, PBG+95, Rec96, Sin93, Ten95, ACM95b, ACM97b, Agr95a, Ano89, B+95, DCM+92, GT19, HS94, IEE94e, IEE95k, IEE02, Ose94, SL94a, SS96, USE93, USE95, USE00]. Usage [FD02a, FCLG07, FD02b, FVLS15]. Use [FJBB+00, Gro02a, HK93, HK05, MB12, PSZÉ00, Shi94, ABR95, GEW98].
USENIX [USE94, USE95]. User [AD98, ACB94, BBG+91a, CHD07, CD01, CND11, DKO05, D+91, DHH92, DHW93a, DLM99, DPK00, DL003, FCLG07, BGD+94, GN95, KGRD10, KCP+94b, KOW97, Kra02, KKD04, LKD08, MC94, MTW06, NPP+00c, Nov95, NMC95,
User-Level [DHHW92, DHHW93a, KCP+94b, KOW97, NPP+00a, XFB95, ZWZ05, KCP+94a, BBH...13a].

Users [Ara95, CHD09].

Uses [SH96].

Using [AR01, ADRCT98, AHP01, And98, AP96, Ano95e, AKE00, AZG17, AB93a, BST+13, BPMN97, BG95, BS93, BKGS02, BM97, Bon96, BSG+13, CCG+11, CRE99, CMM03, CP97, CSP+96, CJvdP08, CO17, Che99, CSM+97, CDM+93, CCH+03, CRGM14, CT94a, CBB+01, CD98, DePo03, DARG13, DAK98, DGM+93, DGH+19, EM02, EMO+93, ESM+94, EK97, FAFD15, FD04, FTVB00, FS93, GCG+98, GTH96, GM95, GK97, GM95, GMPD98, FHL97, GJN97, GLS94, GLT99, GL99, GLT00b, Gro19, HB96b, HSMW94, HLP+11, HT08, HRS+97, HT01, IOKO0, IDD+94, JFRG12, JPP95, KB08, KOI0, KKV01, KS96, KA13, LLR02, LTR00, LTR+02, LFS+19, LY93, LLY93, LS+97, LAFA15, MK17, MTS+94, MPD04, MR12, MSCW95, MANR09, MBD+12, MSB+07, NO02b, NIO+02]. Using [NIO+03, Neuf94, NH95, NA01, OM96, OWSA95, PD98, PGF+18, PNV01].

UT [Hol12].

UTE [JF95].

Utilising [SC96a].

Utilities [CC95].

UV2 [TW12].

UVM [NSLV16].

V [JB96, BBC+02, BHK+06]. V2 [BCH+03].

VA [Sin93, RP95].

Vacancy [HD02b].

Vaidy [Ano95b, NMC95].

Validation [BDV03, GLB00, WCC12, CMV+94, SCB14].
SCB15. Value [vHKS94, AL96, LSR95, OHG19, SP11, SD99]. Value-based [vHKS94]. valued [Str12]. VAMPIR [BHNW01, NAW+96]. Vancouver [IEE95a, IEE95i]. Vapour [PKYW95].


Vendor [Rab98, Bor97, Venice [DLO03, OL05]. venture [Ano03].


Version [BCGL97, CCK+95, MHSK16, Bjo95, BHW+12, BBH+15, Man94, Str94, WaI95, WRMR19]. versioned [SSB+17].

Versions [Ano98]. Versus [RTRG+07, Ahm97, CE00, KAC02, KPO00, LMM17, LC96b, MFTB95, SCC96, SL00, WK08a, WK08b, WK08c, AGIS94, Sie99].

virtual-time [SK92]. Virtualization [FC05, MGL+17, Ott94, YSS+17, ZLP17].

Virtualized [EGR15, YWCF15, RSC+15, SIRP17].

Vision [KCR+17, JRM+94]. VISPAT [HPS95]. Visual [BPMN97, FNSW99, PDY14, Ros13, ACGdT02, LC07, GE95, GE96].

Visualization [BDGS93, GKP96, GKP97, IJ98, KA13, MVY95, NAW+96, PK98, PCY14, Wis96a, ZLGS99, Bor99, Eng00, FHC+05, HPS95, KFA96, TMS98, WST95, Wis96b].


VOBLA [BKvH+14]. Vol [ATC94, HS94, Nag05].

Volatile [BBC+02, BCH+03]. Voltage [KFL05, FKL08]. Volume [Ano99a, Ano99b, Ano99c, Ano99d, DLLZ19, DFN12, GHLL+98, SOHL+98, BHW+12, WST95].

Volumes [GAP97, SOA11]. Volumetric [KA13, CLBS17, KGB+09].

Voodoo [PMZM16]. VOOM [BR91]. VORD [KSJ14]. VR [DBA97]. VRML
VRML-Based [KSJ95, KSJ96]. vs [FH98, AFGR18, BCH+08, Lu99, Nak05b, SC19].

VTC [NU05]. VTDIRECT95 [HWS09, SWH15]. VxWorks [YGH+14].


VTC [NU05]. VTDIRECT95 [HWS09, SWH15]. VxWorks [YGH+14].


VTC [NU05]. VTDIRECT95 [HWS09, SWH15]. VxWorks [YGH+14].
Workstations
[AR01, BL95, BM97, BDD+95, BDH+97, BMS94b, DDPR97, EK97, GS91b, HIP92, IDD94, Liu95, LHZ98, MSCW95, MM01, OWSA95, PFG97, TQDL01, VLO+08, AL93, BJ95, BID95, Bru95, BMPZ94b, BMS94a, BMPZ94a, CCF+94, Coe94, DZ98a, DOSW96, GM94, GMU95, HK94, Hus99, KMC96, KMC97, KA95, MK94, MM03, RRG+99, SOF95, SR95, TDB00, dCH93].

World [CMMR12, CJNW95, FD00, GHH+93, HLP11, MC94, NSLV16, PSB+94, Wit16, dGJM94, GDB+93].

wormhole [Pan95a, Pan95b, RJMC93, ZGN94].

wormhole-routed [Pan95b, RJMC93, ZGN94].

worms [Pan95a].

WoTUG [MC94].

WPVM [ASCS95, BPMN97].

Wrapper [AS14].

Write [BIC+10].

Write-Back [BIC+10].

Writing [KSJ95, KSJ96].

X [Bad16, FWS+17].

X-ray [FWS+17].

X10 [CGH+14].

X11 [GKL95].

x86 [MGL+17].

Xab [Beg92, Beg93b, Beg93c, Beg93a].

Xen [PRS16].

Xeon [CBIGL19, DSGS17, MMDA19, OTH15, BB18, MTK16].

XPVM [KG96].

XXI [EGH+14].

YLC [Gal97].

YMP [BL94].

Yorkshire [CJNW95].

Zero [SWHP05, Hin11].

Zero-Copy [SWHP05].

ZEUS [FF95].

Zipcode [wL94, SSD+94].

zonal [Fin94, Fin95].

Zone [JCH+08, AGMJ06].

zum [Wer95].

zur [AAC+05].

References


G. Almási, C. Archer, J. G. Castaños, J. A. Gunnels, C. C. Erway, P. Heidelberger, X. Martorell, J. E. Moreira, K. Pinnow, J. Rat-
REFERENCES


Akzhalova:2008:WPL


Arthur:1993:PIU


[AB93a]


[AB95]


Augusto:2013:APG

Ayguade:2010:EOS


Appiani:1995:PSI


Appiani:1995:PSM


Adhianto:2000:TOA


Agosta:2015:OPP


D. Arnold, R. Christie,
REFERENCES


Acacio:2002:MDM


ACGdT02

Alexandro:1997:PMC


ACGR97

Agullo:2011:QOM


ACH+11

Andersch:2012:PPE


ACJ12

ACM:1990:PA


ACM90
REFERENCES

ACM:1994:CPI

ACM:1995:PAS

ACM:1995:SAA

ACM:1996:SVR

ACM:1996:FCP

ACM:1996:SCP

ACM:1997:PPS

ACM:1997:PPS


REFERENCES


Antonelli:2014:ATS


Alonso:2011:NEM


Adamo:1997:AOO


Ancona:1998:PAD

Jean-Marc Adamo. Multi-threaded object-oriented MPI-based message passing interface: the ARCH library, volume SECS 446 of *The
REFERENCES


Antonuccio-Delogu:1994:PTN


Addison:2001:EOP


Arioli:1995:PSB


Amestoy:2003:IIMa


Amestoy:2003:IIMb


Aversa:2005:HDS

[Rocco Aversa, Beniamino Di Martino, Nicola Mazzocca, and Salvatore Venticinque. A hierarchical distributed-shared memory...

Aversa:2005:PPT


Alexandrov:1998:CGP


Amritkar:2014:EPC


Azimi:2018:SVS


Ashby:1995:PPG

S. F. Ashby, R. D. Falgout, S. G. Smith, and A. F. B.
REFERENCES


Ayguade:1995:DUA


Aityan:1995:PFI


Arb:1996:SRP


Ayguade:2006:ENO


Agrawal:1995:PIW


Averbuch:1994:PES

REFERENCES


Ahmad:1997:EVP


Allsopp:2001:EUM


Aversa:1997:MDP


Aguilar:1997:PMS


Aubrey-Jones:2016:SMI


Alexandrov:1999:PMC

V. Alexandrov and A. Karaivanova. Parallel Monte Carlo algorithms for sparse SLAE using MPI. In Dongarra et al. [DLM99], pages 283–290. ISBN 3-540-66549-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electroni-
REFERENCES

Adam:2019:CRA


Armstrong:2000:QDB


Andersen:1994:PIA


Asai:1999:MIF


Abdelfattah:2016:KOL


Alfano:1992:DNA

M. Alfano and G. Lo Re. Distributing numerical algorithms: some experiences with network computing system (NCS) and parallel virtual machine (PVM). In SCRI WCC’92 [SCR92],
REFERENCES


Altevogt:1993:PTD


Alund:1994:CFD


Amer:2015:MRC


Ayguade:2007:SIO
Almasi:1993:PDS


Aw’an:2019:OLM


Agrawal:2011:PPS


Ayguade:1999:EML


Amato:1994:PEP


anMey:2007:NPO

REFERENCES

openurl.asp?genre=article&
issn=0885-7458&volume=
35&issue=5&spage=459.

Al-Mouhamed:2015:EAO
[AMuHK15] Mayez Al-Mouhamed and
Ayaz ul Hassan Khan. Exploration of automatic
optimisation for CUDA
programming. International Journal of Parallel,
Emergent and Distributed Systems: IJPEDS,
30(4):309–324, 2015. CO-
DEN ????. ISSN 1744-
5760 (print), 1744-5779
(electronic). URL http:
//www.tandfonline.com/
doi/abs/10.1080/17445760.
2014.953158.

Aversa:1994:PSH
[AMV94] R. Aversa, N. Mazzocca, and
U. Villano. PS: a simulator
for heterogeneous computing
environments. In Dekker
et al. [DSZ94], pages 335–
343. ISBN 0-444-81784-0.

Andersson:1998:PFT
[And98] U. Andersson. Paralleliza-
tion of a 3D FD-TD code for
the Maxwell equations us-
ing MPI. Lecture Notes in
Computer Science, 1541:12–
ISSN 0302-9743 (print),
1611-3349 (electronic).

Anonymous:1989:PFC
[Ano89] Anonymous, editor. Pro-
cedings of the Fourth Con-
ference on Hypercubes, Con-
current Computers and Ap-
lications, 6–8 March 1989,
Monterey, CA, USA. Golden
Gate Enterprises, Los Al-
tos, CA, USA, 1989. LCCN
QA76.5.C619215 1989. Two
volumes.

Anonymous:1992:PSE
[Ano92] Anonymous, editor. Pro-
cedings SHARE Europe An-
niversary Meeting. SHARE
Eur. Assoc, Geneva, Switzer-

Anonymous:1993:ATA
[Ano93a] Anonymous, editor. Au-
tomotive technology and au-
tomation: Supercomputer
applications in the auto-
motive industries: 26th In-
ternational symposium —
September 1993, Aachen,
Germany, ISATA — Pro-
cedings — 26th. Automo-
tive Automation Ltd, Croy-
don, UK, 1993. ISBN 0-
947719-62-8. LCCN ????

Anonymous:1993:ISA
[Ano93b] Anonymous, editor. In-
ternational section: An-
nual conference — Septem-
ber 1993, Gallipoli, Italy.
Atti del Congresso Annuale
— Associazione Italiana per
l’Informatica ed il Calcolo
Automatico 1993. AICA,
????, 1993. ISBN ????
LCCN ????
REFERENCES


Anonymous:1994:MMP


Anonymous:1994:PDC


Anonymous:1994:PPC


Anonymous:1994:PSE


Anonymous:1994:SCC


Anonymous:1994:SQC


Anonymous:1995:CCS


Anonymous:1995:BRPb


Anonymous:1995:BRU


Anonymous:1995:RSS


Anonymous:1995:UPH


Anonymous:1996:BRMh


Anonymous:1996:IPP


Anonymous:1996:PPA


Anonymous:1996:RP
Anonymous:1997:TNR


Anonymous:1998:ANO

Anonymous, Announcements: New official Fortran technical reports; working group 5 documents; OpenGL Fortran 95 bindings; MPI module provides enhanced Fortran support; variable precision arithmetic; Fortran information sites; new Fortran compiler versions from Lahey and Fujitsu; downloadable advanced Fortran textbook; Fortran engineering textbook. ACM Fortran Forum, 17(3):1–2, December 1998. CODEN ????? ISSN 1061-7264 (print), 1931-1311 (electronic).

Anonymous:1999:BRMa


Anonymous:1999:BRMf


Anonymous:1999:BRMb

Anonymous. Book review: MPI-The complete reference: Volume 2, the MPI-2 extensions: By William Gropp, Steven
References


Anonymous. Appendixes: Appendix A: Linux, Windows NT, AIX, Solaris; appendix B: Compilers and preprocessors, MPI implementations, development environments, debuggers, performance analyzers. The International Journal of High Performance Comput-


[ARS89] V. Abrossimov, M. Rozier, and M. Shapiro. Generic virtual memory management for operating system kernels. *Operating Systems Re-
Al-Refaie:2017:PAH


Al-Salman:1992:DIP


Addison:2003:OIA


Al-Refaie:2017:PCT


Awile:2014:PWF


Alonso:1997:PBB


Al-Shorman:2019:UPP

Mohammad Y. Al-Shorman and Majd M. Al-Kofahi. Ul-


Khalid Al-Tawil and Csaba An...


M. Baker. MPI on NT: The current status and performance of the available environments. *Lecture Notes in
REFERENCES

Blaszczyk:1995:PCE


Buyukkececi:2013:POI


Bernabeu:2008:MPA


Bedrosian:1993:MFA


Beguelin:1994:CMS


Beaumont:1995:DPG


Bunge:1995:MCM

Hans-Peter Bunge and John R. Baumgardner. Mantle con-

**Bronschen:2000:OCP**


**Bylina:2018:EEO**


**Bala:1994:IEU**


**Bova:1999:NOM**


**Bova:2000:DLP**


**Bosilica:2002:MVT**

[BBC+02] George Bosilica, Aurelien Bouteiller, Franck Cappello, Samir Djilali, Gilles Fedak,


REFERENCES


Bischof:2008:AAD


Bustamam:2012:FPM

Alhadi Bustamam, Kevin Burrage, and Nicholas A. Hamilton. Fast parallel Markov clustering in bioinformatics using massively parallel computing on GPU with CUDA and ELLPACK-R sparse for-


Bland:2013:EUL


Bland:2013:PFR


Busa:2015:CCO

Ján Busa, Jr., Ján Busa,

Boryczko:1994:LGA [BBK+94]


Barnard:1999:MIS [BBS99]


Brown:2019:LMR [BBW19]


Brorsson:2000:SIE [BC00]


Blas:2014:RAM [BC14]

REFERENCES

Bala:2019:SIMP


Budiardja:2019:TGO


Barton:2006:SMP


Becciani:2006:FMP


Bircsak:2000:EONa


Bircsak:2000:EONb

Bouchard:1996:FCS

Betts:2012:GVG

Betts:2015:DIV

Baker:1999:MOO

Balaji:2010:IND

Bala:1997:PVQ

Bouteiller:2003:MVF
Aurelien Bouteiller, Franck Cappello, Thomas Herault, Geraud Krawezik, Pierre Lemarinier, and Frederic Magniette. MPICH-V2:


R. Baraglia, M. Cosso, D. Laforenza, and M. Nicosia. Integrating PVaniM into WAMM for monitoring meta-applications. Lecture

**Bhattacherjee:2011:PLC**


**Bolis:2016:APA**


**Baiardi:2000:AMM**


**Blackford:1997:PEN**


**Burtscher:2018:HQF**

Martin Burtscher, Sindhu Devale, Sahar Azimi, Jayadharini Jaiganesh, and Evan Powers. A high-quality and fast maximal independent set implementation for GPUs. ACM Transactions on Parallel Computing (TOPC), 5(2):8:1–8:??, January 2018. CO-
REFERENCES

DEN ?? ?? ISSN 2329-4949 (print), 2329-4957 (electronic).


Beguelin:1993:PEC


Beguelin:1994:HHN


Beguelin:1995:REP


Beguelin:19xx:PSS

[BDG+xx] A. Beguelin, J. J. Dongarra, G. A. Geist, R. Manchek, and V. S. Sunderam. PVM software system and documentation. Email to netlib@ornl.gov,???? 19xx.

Beguelin:1993:VDH


Bruck:1995:EMPb


Bruck:1997:EMP

[BDH+97] Jehoshua Bruck, Danny Dolev, Ching-Tien Ho, Marcel-Cătălin Roșu, and Ray Strong. Efficient message passing interface (MPI)
REFERENCES


Browne:1998:RPA


Bode:1996:PVM


Baghsorkhi:2010:APM


Bronevetsky:2007:CFS


Baboulin:2008:SID

Marc Baboulin, Jack J. Dongarra, and Stanimire Tomov. Some issues in dense linear algebra for multicore and special purpose architectures. LAPACK Working Note 200, Department of
REFERENCES


REFERENCES


REFERENCES


Baraglia:1999:AN


Bubak:1996:MPP


Bubak:1997:EPA


Bouge:1996:EPP


Bubak:1996:PBP


Bubak:1996:PPM


Bozas:1997:PED

REFERENCES

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).


[Broquedis:2012:LEO] François Broquedis, Thierry Gautier, and Vincent Danjean. libOMP, an efficient

**Bronevetsky:2009:CAC**

**Blanco:2002:PMA**

**Balasubramanian:2015:EGL**

**Bhanot:2005:OTL**

**Bischof:2008:PRM**
Christian Bischof, Niels Guertler, and Andreas Kowarz. Parallel reverse mode automatic differentiation for OpenMP programs with ADOL-C. In Bischof et al. [BBH+08], pages 163–173. CODEN LNCSA6. ISBN 3-
REFERENCES


[Bha98] Gyan Bhanot. A 2-d transpose MPI code. Research report RC 21217, T. J. Wat-
REFERENCES

Bader:1996:PPA


Bouteiller:2006:MVP


Bubec:1995:DSC


Bischof:1995:CSM


Bachem:1994:PCT


Bachem:1996:STH


Brunst:2001:POL

REFERENCES


[Busa12] Ján Busa, Jr., Shura Hayryan, Ming-Chya Wu, Ján Busa, and Chin-Kun Hu. ARVO-CL: the OpenCL version of the ARVO pack-


REFERENCES


Blaheta:1997:PIP


Blaheta:1999:LFM


Bhandarkar:1996:MPM


Bull:2000:JOL


Bekas:2002:PCP

[BKGS02] Constantine Bekas, Efrosini Kokiopoulou, Efstratios Gallopoulos, and Valeria Simoncini. Parallel computation of pseudospectra using transfer functions on a MATLAB-MPI cluster platform. Lecture Notes in Computer Science, 2474:

Balevic:2011:KAD


Bhandarkar:2001:ALB

REFERENCES


Suchendra M. Bhandarkar and Salem Machaka. Chromosome reconstruction from physical maps using a cluster of workstations. The
REFERENCES


Booth:2000:SSM


Basumallik:2002:TOE


Buntinas:2007:IES


Bronevetsky:2003:AAL


Bubak:1994:IES


Bubak:1994:EMD

M. Bubak, J. Moscinski, M. Pogoda, and W. Zdech-

[BMS94a]


[BMS94b]


[BMS+17]


[Berrendorf:2000:PCO]

REFERENCES


REFERENCES

[132]

Borkowski:1999:LVC


Boszormenyi:1996:PCT


Brebbia:1993:ASE


Berthou:1998:PHM


Barbosa:1999:ADM


Beletsky:1994:OPV

REFERENCES


REFERENCES


[Bernaschi:1995:PEI]

[Bernaschi:1995:DRP]

[Bane:2002:EOA]

[Bra97]

[Bloes:2004:ETF]

[Bergstrom:2012:NDP]


[BRR99] V. Boudet, F. Rastello, and


REFERENCES


Bassomo:1999:PGE


Bolton:2000:MPL


Bukata:2015:SRC


Bakhtiaril:1995:APL


Bai:2013:SLA


Benzoni:1991:MFR

REFERENCES


REFERENCES


Berendsen:1995:GMP


Baskaran:2012:ACO


Berg:2012:FCL


Blum:1996:PPIP


Bureddy:2012:OGM


Bihari:2012:CIT

REFERENCES

141

141

Blattner:2012:PSC


Bendtsen:1997:RLS


Carpen-Amarie:2017:EOC


Calmet:1994:RWC


Cabarle:2012:SNP


Carbajal:2007:PTD


Campanoni:2010:HFP

Simone Campanoni, Giovanni Agosta, Stefano Righizzi, and Andrea Di Biagio. A highly flexible, par-

**Cavender:1993:APV**


**Chabbi:2017:EAL**


**Cartwright:2000:AOE**


**Creec:2016:TSS**


**Cooper:1994:CHF**

REFERENCES

**Coronado-Barrientos:2019:ANF**


**Casas:2010:APD**


**Che:2008:PSG**


**Chapman:2002:APU**


**Clay:2018:GAP**


**Chapple:1995:PUL**

[CC95] S. R. Chapple and L. J.
REFERENCES


Couturier:2000:PMD


Cardoso:2010:MSO


Chen:2017:AA

REFERENCES

trans/tbd/2017/08/07809142-abs.html.

[CChen:2000:MCO]
Chen:2000:MCO

[CCBPGA15]
Couder-Castaneda:2015:PCM

[CCF+94]
Casas:1995:MMT

Collingbourne:2012:STO
Peter Collingbourne, Cristian Cadar, and Paul H. J. Kelly. Symbolic testing of


Cotronis:2001:RAP


Clemencon:1996:THM


Cao:2013:CHP


Conforti:1996:PIA


Cownie:1994:PPP

J. Cownie, A. Dunlop, S. Hellberg, A. J. G. Hey, and D. Pritchard. Portable parallel programming environments-the E-


REFERENCES


Chau:2007:MIP


Chau:2007:MIP

Chau:2007:MIP

Cerin:1999:DMP


Cerin:1999:DMP

Chen:2001:TMK


Chen:2001:TMK

Choudhary:1994:LCR


Choudhary:1994:LCR

Chen:2001:FFT


Chen:2001:FFT

Corbett:1996:OMP

REFERENCES


**Clematis:1999:EPC**


**Cownie:1999:SID**


**Chaudhuri:2010:PIC**


**Carretero:2015:AMM**


**Calderon:2002:IMI**

Camp:2011:SIU


Carter:2010:PLN


Clarke:1994:MMP


Cunningham:2014:RXE


Carpenter:2000:MML


Catanzaro:2011:CCE

REFERENCES

1523-2867 (print), 1558-1160 (electronic). PPoPP '11 Conference proceedings.

Calore:2016:PPA


Chapman:2011:OPE


Chatterjee:1993:GLA


Caubet:2001:DTM


Chan:1998:PCT

REFERENCES


Casanova:2015:TMS


Cecilia:2012:CSC


Chen:2013:IRM


Cheng:1994:PDP


Ciancarini:1996:CLM


Charny:1996:MPV


Chapman:2002:PAD

Barbara Chapman. Par-


Cheng:2010:BRBb


Cho:2010:OPP


Cook:1995:TAS


Cadenelli:2019:CUO

Chapman:2008:UOP

Culler:1993:LTR
David E. Culler, Richard M. Karp, David A. Patterson, Abhijit Sahay, Klaus E. Schauer, Eunice Santos, Ramesh Subramonian, and Thorsten von Eicken. LogP: towards a realistic model of

**Castro-Leon:1993:MCP**


**Clark:1998:FOP**


**Chabbi:2015:BEP**


**Chen:2003:GMD**

REFERENCES

[CORBACHO-LOZANO:1999:EDD]

[CLANTONI:1995:CCA]

[CHEN:2018:FOB]

[CHIEN:1999:DEH]

[CHANDRA:2007:ESP]


REFERENCES


F. Coelho. Experiments with HPF compilation for
REFERENCES

a network of workstations. In Gentzsch and
Harms [GH94], pages 423–428. ISBN 0-387-57981-
8 (New York), 3-540-57981-8 (Berlin). LCCN
QA76.88.157 1994. DM96.00. Two volumes.

Cooperman:1995:SBP

G. Cooperman. STAR/MPI: binding a parallel library to
interactive symbolic algebra systems. In Levelt [Lev95],
76.95 I59 1995.

Cooperman:1995:SMB

Gene Cooperman. STAR/
MPI: Binding a parallel li-
brary to interactive symbolic
algebra systems. In Lev-
elt [Lev95], pages 126–132.
76.95 I59 1995.

Cotronis:1997:MPP

J. Y. Cotronis. Message-
passing program develop-
ment by ensemble. Lecture Notes in Computer Science,
0302-9743 (print), 1611-3349 (electronic).

Cotronis:1998:DMP

Y. Cotronis. Developing message-passing applications on MPICH under
ensemble. Lecture Notes
in Computer Science, 1497:
145–??, 1998. CODEN
LNCS.9D. ISSN 0302-9743
(print), 1611-3349 (elec-
tronic).

Cotronis:2004:CMP

Yiannis Cotronis. Composition of Message Passing Interface applications over
MPICH-G2. The Interna-
tional Journal of High Per-
formance Computing Applica-
tions, 18(3):327–339, Fall 2004. CODEN IHPCFL. ISSN 1094-3420
(print), 1741-2846 (elec-
sagepub.com/content/18/3/327.full.pdf+html.

Coussement:1993:PMO

G. Coussement. Paralleliza-
tion of a mesh optimization
code on a RS/6000 clus-
ter. In Anonymous [Ano93f],
pages 185–212. ISBN ????
LCCN ???

Carvalho:1997:PCC

L. M. R. Carvalho and J. M.
L. M. Palma. Parallelization of a CFD code using PVM and domain decom-
position techniques. Lecture Notes in Computer Science,
1215:247–??, 1997. CODEN LNCS.9D. ISSN
0302-9743 (print), 1611-3349
(electronic).

Carissimi:1998:AEM

A. Carissimi and M. Pasin.
Athapascan: An experience

[Cercos-Pita:2015:ANF]

[Cappello:1999:PNB]

[Cappello:2001:UPS]
REFERENCES


Cores:2014:FAM


Cores:2016:ROM


Cores:2014:MAL


Ciampolini:1996:EPM


Coole:2014:FFH


Chetlur:1998:ALE

REFERENCES


REFERENCES

[167]


[CT94a]

[CT13]

[CT94b]

[CTK00]

[CTK01]

[CT02]
REFERENCES


Cao:2011:OMM


Cui:2012:OOB


Cavender:1995:SSA


Chengqing:1996:WIP


Czarnul:2002:DTI

Czarnul:2003:PTA


Czapinski:2013:EPM


Czech:2016:IPC


Chapman:2008:PPM


Dongarra:1991:UGP


Dongarra:1995:HPC

5. ISSN 0927-5452. LCCN QA76.88.H55 1995.


REFERENCES

DiMartino:2001:WDS

DAgostino:2014:CAM

Dow:2002:CMA

Didelot:2012:IMC

Didelot:2014:IMC
delCuvillo:2006:LOC


Dozsa:2000:THL


Decker:1995:TDU


Deveci:2019:GMT


Dongarra:1997:BCA


Dean:1994:CPV


[DeP03] C. J. DePasquale. Using the JVMPI to understand the behavior of Java classes during the development process. *Cmg, 2*(??):821–832, 2003. CODEN ????


Duran:2007:PEH


Figueiredo:2019:MOP


Demaine:2001:GCM


Deshpande:1994:ADN


Diaz:2012:CCF


REFERENCES

2209-0558, USA, 1994. ISBN ???. LCCN ???.


[DHK97] M. Derakhshan, S. Hammerling, and A. Krom-
REFERENCES


**Dongarra:1997:CSD**


**Dongarra:1996:SRP**


**DiPiero:2014:PPP**


**DiSerio:2002:ENN**


**DiNucci:1996:CDS**


**Denis:2019:SPT**

Alexandre Denis, Julien Jaeger, Emmanuel Jeannot, Marc Pélaire, and Hugo Taboada. Study on progress

**Karniadakis:2002:DLP**


**Drosinos:2006:EPT**


**Deo:2013:PSA**


**DiMartino:2005:RAP**


**DiMartino:2007:SIS**

Beniamino Di Martino, Dieter Kranzlmüller, and Jack Dongarra. Special issue on selected papers from the Eu-
REFERENCES


REFERENCES


Dickens:2010:HPI


DelaAsuncion:2011:SOL


DelaAsuncion:2012:MCI


Desai:2007:CEM


Marcos:2002:DDP


REFERENCES

CODEN PACOEJ. ISSN 0167-8191 (print), 1872-7336 (electronic).


In Grebe et al. [GHH+93], pages 465–480. ISBN 90-5199-140-1. LCCN ????


[Dziubak:2012:OOI] Tomasz Dziubak and Jacek Matulewski. An object-

Dathathri:2016:CAL


Dalcin:2019:FPM


DiMartino:1997:IPD


Dongarra:1996:APC


Dinda:1996:PIA

REFERENCES


References


REFERENCES

DiMartino:1997:MDH


Davina:2018:MCP


Deuzeman:2012:LMP


Deshpande:1996:MIBb


Djordjevic:1996:ICI


Dang:2013:CES


Deniz:2016:MGM

REFERENCES

188

(print), 1544-3973 (electronic).

**Duran:2005:RAP**


**Dang:2017:ECB**


**Dietrich:2017:CBA**


**Davidor:1994:PPS**


**Dohi:2011:GIO**


**Domokos:2000:PRC**

REFERENCES

Deshpande:1996:MIBa

Dekker:1994:MPP

Dongarra:1994:PSW

Diavastos:2017:SLR

Duval:1992:TPP
D. Duval. Trends in parallel programming models for high performance computers. In Ferenczi [Fer92], page 33. ISBN ???? LCCN ????.

Dikken:1994:DDL

Dongarra:1994:PSC
Jack Dongarra and Jerzy Wasniewski, editors. Parallel scientific computing:
REFERENCES


DeRose:2002:CCG


Du:2010:COT


Deshpande:2012:AGC


Dong:1996:SPL

Li Dong, Li Xiaoming, and Fang Binxing. The study on the parallel library based on
REFERENCES


Deng:2006:PIK


Dantas:1996:ILB


Dantas:1998:ESM


Delv:1998:HPF


Dragovitsch:1995:PPS


Dykes:1994:CCP


Edmonds:2019:HAS

[EADT19] Mark Edmonds, Tauvir Atahary, Scott Douglass,
REFERENCES


**Edjlali:1995:DPP**


**Elwasif:2001:AMT**


**Eppstein:1994:CSP**


**Eigenmann:2008:ONE**


**ElMaghraoui:2009:MIM**

K. El Maghraoui, Travis J. Desell, Boleslaw K. Szymanski, and Carlos A. Varela. Malleable iterative MPI applications. *Concurrency*

Eleftheriou:2005:SFF


El-Ghazawi:2002:UPP


Eppstein:1992:PGC


Eickermann:1999:PID


Erhel:2014:DDM

REFERENCES


REFERENCES


**Emani:2015:CDM**


**Ebner:1996:TFP**


**Espinosa:1999:REB**


**Eizenberg:2017:BBL**


**ElZein:2012:GOC**


**El-Rewini:1995:PTE**


**El-Rewini:1996:PTN**

Hesham El-Rewini and Bruce D. Shriver, editors. *Proceedings of the Twenty-Ninth Hawaii International Conference on System Sciences (HICSS-29): Wailea,
REFERENCES

HI, USA, 3–6 January 1996.
IEEE Computer Society Press, 1109 Spring Street,
Suite 300, Silver Spring, MD 20910, USA, 1996. ISBN
0-8186-7324-9. ISSN 1060-3425. LCCN ???? Five vol-
umes.

[ES11] Simon Uzezi Ewedafe and
Rio Hirowati Shariffudin. Parallel implementation of
2-D telegraphic equation on
MPI/PVM cluster. International Journal of Par-
allel Programming, 39(2):
202–231, April 2011. CO-
DEN IJPPE5. ISSN 0885-
7458 (print), 1573-7640
(electronic). URL http:
//www.springerlink.com/
openurl.asp?genre=article&
issn=0885-7458&volume=

[ETV94] Y. Escaig, G. Touzot, and
M. Vayssade. Parallelization
of a multilevel domain de-
composition method. Computing systems in engi-
neering: an international
journal, 5(3):253–263, June
1994. CODEN COSEEE. ISSN
0956-0521.

[ETWaM12] Alexandre E. Eichenberger,
Christian Terboven, Michael
Wong, and Dieter an Mey. The
design of OpenMP thread affinity. Lecture
Notes in Computer Science,
7312:15–28, 2012. CODEN
LNCSDD. ISSN 0302-9743
(print), 1611-3349 (elec-
springer.com/chapter/10.
1007/978-3-642-30961-8_2/.

[ESB13] Sally R. Ellingson, Jeremy C.
Smith, and Jerome Baudry. Software news and up-
dates: VinaMPI: Facilitat-
ing multiple receptor high-
throughput virtual docking on
high-performance comput-
ers. Journal of Com-
putational Chemistry, 34
(25):2212–2221, September
30, 2013. CODEN JC-
CHDD. ISSN 0192-8651
(print), 1096-987X (elec-
tronic).

[EV01] Rudolf Eigenmann and
Michael J. Voss, editors. OpenMP shared memory

Eckert:2016:HAL

Faraji:2018:DCG

Fabeiro:2016:WPP

Fabeiro:2015:AGO

Fang:1998:DDL
Niandong Fang. Distributed data library and tools for an MPI programming environment, volume 1 of Research reports in computer science. Shaker, Aachen, Germany, 1998. ISBN 3-8265-4101-
REFERENCES

4. xx + 195 pp. LCCN 7???? Also published as dissertation of the University of Basel.


Friedel:2001:HMC


Fagg:2002:FTM


Floros:2005:TGS


Falzone:2007:PMF


Ferschweiler:2001:CDP

REFERENCES


REFERENCES

Fagg:2002:HFTa


Fagg:2002:HFTb


Fagg:2004:BUF


Fagg:1997:HMAa


Falch:2017:RAM

REFERENCES


[Fer04] Randima Fernando, editor.


[Fer04] Randima Fernando, editor.


[FFB99] A. Fava, M. Fava, and M. Bertozzi. MPIPOV: a
parallel implementation of
POV-Ray based on MPI. In
Dongarra et al. [DLM99],
pages 426–433. ISBN 3-540-
66549-8 (softcover). ISSN
0302-9743 (print), 1611-3349
(electronic). LCCN QA76.58
E973 1999.

[FCCC99] G. Frugoli, A. Fava, E. Fava,
and G. Conte. Distributed collision handling
for particle-based simulation. In Dongarra et al.
[DLM99], pages 410–417.
ISBN 3-540-66549-8 (soft-
cover). ISSN 0302-9743
(print), 1611-3349 (elec-
tronic). LCCN QA76.58
E973 1999.

[FFM11] Jan Fousek, Jiří Filipovič,
and Matuš Madzin. Au-
tomatic fusions of CUDA-
GPU kernels for parallel
map. ACM SIGARCH Com-
puter Architecture News, 39
CODEN CANED2. ISSN
0163-5964 (print), 1943-5851
(electronic).

[FFP03] Juan Fernandez, Eitan
Frachtenberg, and Fab-
rizio Petri. BCS-MPI: a
new approach in the sys-
tem software design for
large-scale parallel comput-
er. In ACM [ACM03],
page ?? ISBN 1-58113-695-
1. LCCN ???. URL http:/

[Foster:1997:MMC] Ian Foster, Jonathan Geisler,
Carl Kesselman, and Steven
Tuecke. Managing multiple communication meth-
ods in high-performance networked computing systems.
Journal of Parallel and Dis-
tributed Computing, 40(1):
CODEN JPDCER. ISSN
0743-7315 (print), 1096-0848
idealibrary.com/links/doi/10.1006/jpdc.
com/links/doi/10.1006/
REFERENCES

jpdc.1996.1266/production/
pdf; http://www.idealibrary.
com/links/doi/10.1006/
jpdc.1996.1266/production/
ref.

[FGRD01] Graham E. Fagg, Edgar
Gabriel, Michael Resch,
and Jack J. Dongarra. Parallel
IO support for meta-computing
applications: MPI_Connect IO
applied to PACX–MPI. Lecture
Notes in Computer Science,

[FH95] I. Foster, J. Geisler, and
S. Tuecke. MPI on the
I-WAY: a wide-area,
multimethod implementation of
the Message Passing Interface.
In IEEE [IEE96i], pages 10–17.
ISBN 0-8186-7533-0. LCCN QA76.642
M67 1996.

[FGRT00] Thomas Fahringer, Michael
Gerndt, Graham Riley, and
Jesper Larsson Träff. Formalizing
OpenMP performance properties with ASL.
Lecture Notes in Computer
CODEN LNCSDC9. ISSN
0302-9743 (print), 1611-3349
(electronic). URL http://
link.springer-ny.com/
link/service/series/0558/
bibs/1940/19400428.htm;
http://link.springer-
ny.com/link/service/series/
0558/papers/1940/19400428.
pdf.

[FH97] Andre Fachat and Karl Heinz
Hoffmann. Implementation
of Ensemble-Based Simulated
Annealing with dynamic
load balancing under MPI.
Computer Physics
Communications, 107(1–3):
CODEN CPHCBZ. ISSN
0010-4655 (print), 1879-2944
(electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0010465597000969.

Andre:1998:BVN
REFERENCES

Andrew Friedley, Torsten Hoe
er, Greg Bronevetsky, Andrew Lumsdaine, and
Ching-Chen Ma. Ownership passing: efficient dis-
tributed memory programming on multi-core systems.
CODEN SINODQ, ISSN 0362-1340 (print), 1523-2867
(print), 1558-1160 (electronic). PPoPP ’13 Confer-
ence proceedings.

E. A. Franke, S. D. Huffman, W. M. Carter, J. P. Baum-
gartner, and D. J. Wenzel. AVTP — an architecture for visualization using remote parallel/distributed computing. In Grinstein
and Erbacher [GE95], pages 230–237. CODEN PSISDG,
ISBN 0-8194-1757-2. ISSN 0277-786X (print), 1996-

Antony J. Field, Thomas L. Hansen, and Paul H. J.
Kelly. Run-time fusion of MPI calls in a parallel
CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349
link/service/series/0558/|bibis/2017/20170363.htm;
http://link.springer-ny.com/link/service/series/|
0558/papers/2017/20170363..pdf.

H. Franke, P. Hochschild, P. Pattnaik, J.-P. Prost, and
M. Snir. MPI-F: an MPI prototype implementation on
IBM SP1. In Dongarra and Tourancheau [DT94], pages
1994.

H. Franke, P. Hochschild, P. Pattnaik, J.-P. Prost, and
M. Snir. MPI on IBM SP1/SP2: current status

H. Franke, P. Hochschild, P. Pattnaik, and M. Snir. An efficient implementation of MPI. In Decker
and Rehmann [DR94], pages 219–230. ISBN 0-8176-
REFERENCES


[Fis01] Markus Fischer. System area network extensions to
REFERENCES

the parallel virtual machine.
CODEN LNCS09. ISSN 0302-9743 (print), 1611-3349
link/service/series/0558/bibs/2131/21310098.htm;

Fernandez:2000:UPM

[FJBB+00] Gustavo J. Fernández, Julio Jacobo-Berlles, Patricia Boren-
sztejn, Marisa Bauzá, and Marta Mejail. Use of PVM for MAP image restoration:
a parallel implementation of the ARTUR algorithm.
CODEN LNCS09. ISSN 0302-9743 (print), 1611-3349
link/service/series/0558/bibs/1908/19080113.htm;

Feng:2014:SBS

Xiaowen Feng, Hai Jin, Ran Zheng, Zhiyuan Shao, and Lei Zhu. A segment-based
sparse matrix–vector multiplication on CUDA. Concurrency and Computation:
CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634
(electronic).

Flower:1994:EJM

Jon Flower and Adam Kolawa. Express is not just
a message passing system: current and future directions in Express.
CODEN PACOEJ. ISSN 0167-8191 (print), 1872-7336
(electronic). URL http://www.elsevier.com/cgi-in/cas/tree/store/parco/cas_sub/browse/browse.

Ferenczi:1995:PAH

Szabolcs Ferenczi and Peter Kacsuk, editors. Proceedings of the 2nd Austrian-
Hungarian Workshop on
REFERENCES


REFERENCES


[Foster:1996:GCM]


[Foglia:2005:LMM]


[Florez:2005:LMM]

[Fagg:1996:MMH]


[Ferreira:2018:CMM]


[Fachada:2017:CCF]


REFERENCES


[FM90]

[Furlinger:2009:CAE]

[FMBM96]
J. C. Fabero, I. Martin, A. Bautista, and S. Molina. Dynamic load balancing in a heterogeneous environment under PVM. In IEEE [IEE96g], pages 414–419.

[Fiala:2012:DCS]

[Filipovic:2015:OCC]

[Ferretti:2015:MCH]
REFERENCES

CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

[Fan2017:SEE]

[Ferenc:1999:VMK]

[Femminella:1994:PBP]

[Ford:1995:NNN]

[Foster:1998:GEM]

[Freeman:1992:PNA]

[Faraj:2008:SPA]
Ahmad Faraj, Pitch Patarasuk, and Xin Yuan. A study of process arrival patterns

Ferreira:1995:PAI


Frisch:1993:PDC


Frisch:1997:ESP


Frisch:1999:MDC


Frisch:2011:ACE

Rosa Filgueira, David E. Singh, Jesús Carretero, Alejandro Calderón, and Félix García. Adaptive-CoMPI: Enhancing MPI-based applications’ performance and

Fan:2019:BPA

Fan:2019:SAO

Fuerle:1998:IPC

Fumero:2017:JTG

Folino:1998:EMC

Folino:1998:PEM
REFERENCES

Fernandez:1999:PGP


Fang:2014:API


Feng:2014:MSP


Fujimoto:2008:DMV


Fagg:2000:AAC

REFERENCES

Fang:2015:EVD

[FVLS15]

Fineberg:1996:PPI

[FWNK96]

Franke:1995:MPEb

Grangeat:1996:PTI

Galibert:1997:YCL

FWS+17
REFERENCES


[Gao03] Shiwu Gao. Linear-scaling parallelization of the WIEN

[217]

**Galaktionov:1997:MST**


**Gates:1995:PFI**


**Gonzalez-Alvarez:2017:HMO**


**Gupta:1994:CTE**


**Ghosh:1996:ELM**


**Gorlatch:1998:GMI**


**Graham:2007:OMH**


**Grove:2005:CBP**


**Garcia:2012:DLB**


**GarciaSalcines:1997:PRR**


**Garcia:1999:MMI**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Details</th>
</tr>
</thead>
</table>
REFERENCES

Gonzalez-Dominguez:2018:MPC


Grinstein:1995:VDE


Geist:1993:ILP


Geist:1993:PBN


Grinstein:1996:VDE


Geist:1994:CCW

REFERENCES

Geist:1996:APP


Geist:1997:ACP


Geist:1998:HNG


Geist:2000:PMW


Geist:2001:BFN


Grabowsky:1998:NMP

[GEW98] Lothar Grabowsky, Thomas Ermer, and Jörg Werner. Nutzung von MPI für parallele FEM-Systeme. (German) [Use of MPI for parallel FEM systems]. Preprint-Reihe des Chemnitzer SFB 393 Sonderforschungsbereich NumerischeSimulation auf Massiv Parallel Rechnern 97,08; RA-TR 02-97, Universität Chemnitz-Zwickau, Chemnitz, Germany, 1998.

Gabriel:2003:FTC

224

REFERENCES


**Gravvanis:2012:SFD**


**Giordano:1999:IBP**


**Garzon:1999:PIE**


**Giannoutakis:2009:DIP**


**Giannoutakis:2007:MHP**


REFERENCES

Canada, 1993. ISBN ???.
LCCN QA76.76.S64 C378 1993 v.1-2. Two volumes.

Genaud:2008:EPC


Getov:1999:MJM

Vladimir Getov, Paul Gray, and Vaidy Sunderam. MPI and Java-MPI: Contrasts and comparisons of low-level communication performance. In ACM [ACM99], page ??

Gentzsch:1994:HPC


Ghosh:2012:RAA


Grebe:1993:TAS


Goumopoulos:1997:PCS

REFERENCES

Gropp:1998:MCR


Gong:2012:OCN


Garcia:2011:KRR


Goglin:2018:HTM


Grecki:1997:MPE


Gerlach:2001:IOJ

REFERENCES


Granat:2009:NPQ


Gropp:1995:MGX


Guan:1997:PDI


Geist:1996:VDP


Geist:1997:CPF


Geist:1997:BPW


Gopalakrishnan:2011:FAM


REFERENCES

0167-8191 (print), 1872-7336 (electronic).


Gonzalez:2001:MIM


Gropp:1994:UMP


Gropp:1999:UMA


Gropp:1999:UMA

REFERENCES


REFERENCES


Gong:2016:NPG


Goujon:1998:AAT


Guan:1995:SCC


Gray:1995:PCT


Goedecker:2002:OPF


Gonzalez:2001:OET

REFERENCES


REFERENCES


REFERENCES


Gropp:2001:LSM

Gropp:2002:BLC

Gropp:2002:MNS

Gropp:2012:MBW

Gropp:2019:UNS

Gonzalez:1999:PPM

Gutierrez:2010:QCS


Gaito:2001:ADC


Gittens:2019:AAS


Geist:1991:ENB


Geist:1991:PSS


Geist:1992:NBC

REFERENCES

Geist:1993:EPC

Gropp:1994:SEP

Gold:1996:UAL

Geist:19xx:NBC
G. A. Geist and V. S. Sunderam. Network based concurrent computing on the PVM system. Technical report, Oak Ridge National Laboratory and Emory University, Knoxville, TN, USA and Atlanta, GA, USA, 19xx.

Garg:2002:TO

Gao:2008:GEI

Gardner:2013:CCE


REFERENCES

link/service/series/0558/bibs/2131/21310225.htm;


[GTH96] B. A. Gennart, J. Tarraga Gimenez, and R. D. Hersch. Computer-assisted generation of PVM/C++ pro-

**Gidra:2015:NGC**


**Guang:2016:NMN**


**Gallardo:2018:EMM**


**Ge:1995:DHA**


**Guerrero:2014:PCM**


**Hadjidoukas:2010:NOP**

Panagiotis E. Hadjidoukas and Laurent Amsaleg. Nested OpenMP parallelization of a hierarchical data cluster-

[Han:2011:HHL]


[HAA+11]


[Ham:1995:PII]


[Haridi:1995:EPP]

REFERENCES

<table>
<thead>
<tr>
<th>Hansen:1998:EMP</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hardwick:1994:PVL</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hardwick:1995:PVL</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hassanzadeh:1995:MMG</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hisley:2000:PPE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hatazaki:1998:RRS</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES

Hunold:2016:RMB

Hu:2016:CLG

Hurwitz:2005:AMP

Huang:2005:TME

He:2000:PAA

Ding:2002:MOP

He:2002:MOP
REFERENCES

Harvey:2011:STP


Hadjidoukas:2009:HPF


Hoeffer:2012:LMO


Hoeffer:2015:RMA


Heikonen:2002:ILB


REFERENCES


LCCN QA76.73.F25 H367 2013.


[HSM19] Jan Hückelheim, Paul Hovland, Michelle Mills Strout, and Jens-Dominik Müller.


REFERENCES


[HK90] Hong:2009:AMG

[HK10] Hong:2010:IGP


[HKN+01] Hoeflinger:2001:IPV
Jay Hoeflinger, Bob Kuhn, Wolfgang Nagel, Paul Petersen, Hrabri Rajic, Sanjiv Shah, Jeff Vetter, Michael

**Hong:2011:ACG**


**Hori:2012:EKL**


**Hasanov:2017:HRC**


**Hu:2000:ONS**


**Haque:2017:CCL**

S. Anisul Haque, X. Li, F. Mansouri, M. Moreno Maza, D. Mohajerani, and W. Pan. CUMODP: a CUDA library for modular polynomial computa-
REFERENCES

Hung:2016:EBP


[HLO+16]

Hung:1996:RDM


[HL96]

Hilbrich:2009:MCC


[HMK09]

Hawick:2011:RLS


[HL11]

Huband:2001:DTB


[HM01]
Hakula:1994:FEM

Holmes:2019:PPE

Hogg:2013:FDT

Hollerbach:1995:FDA

Hollingsworth:2012:SPI


G. J. Hoyos-Rivera and V. G. Sanchez-Arias. Using PVM to build an interface to support cooperative work in a distributed systems environment. Lec-
REFERENCES

Hempel:1997:IMN


Hartley:1993:CPS


Hesham:1994:PTS


Hertzbeger:1995:HPM


Hungenahally:1995:PIQ


Hoefer:2012:OPC

REFERENCES

Henriksen:2017:FPF


Haeuser:1994:RNS


Heimel:2013:HOP


Hormati:2012:SPS


Hu:2001:PCC


Howes:2008:U


Ha:2008:NBP

[HTA08] Phuong Hoai Ha, Philippas Tsigas, and Otto J. Anshus. Non-blocking programming on multi-core graphics pro-

Hluch:1999:GWF

Hariri:2016:PPA

Huckle:1996:PIS

Humphres:1995:LBE

Husbands:1998:MSD

Huse:1999:CCD

Huse:2000:MOS
[Hus00] Lars Paul Huse. MPI optimization for SMP based clusters interconnected with SCI. Lecture Notes in
REFERENCES


REFERENCES


Hempel:1999:AMP


HZG08


HZ99


IADB19


IADB19


Hou:2008:BBS


IADB19


Hou:2008:BBS


IADB19


IADB19


IADB19


IADB19


IADB19


IADB19


IADB19


IADB19


**[Ibanez:2016:HMT]**

**[IEEE:1991:PSA]**

**[IEEE:1992:PSH]**

**[IEEE:1993:DPC]**

**[IEEE:1993:PSI]**

**[IEEE:1993:PIS]**

IEEE:1993:PFW


IEEE:1993:PSP


IEEE:1993:WHP


IEEE:1994:FSF


IEEE:1994:IPN

REFERENCES

Three volumes. IEEE catalog no. 94CH35708.

IEEE:1994:OOE


IEEE:1994:PSI


IEEE:1994:PIF


IEEE:1994:PTI


IEEE:1994:PSW


2. LCCN TK 5101 A1 I34 1995. IEEE catalog no. 95CH35765.

IEEE:1995:PIP


IEEE:1995:PSI


IEEE:1995:PEW


IEEE:1995:PIC


IEEE:1995:PIC


IEEE:1995:PSP

REFERENCES

1995. ISBN 0-8186-7088-
6. LCCN QA76.9.D5 I328
95TB8075.

IEEE:1995:PNA

[IEE95]
1995. IEEE catalog no. 95CB35838.

IEEE:1996:ICH

[IEE96a]
1996. IEEE catalog number 96TB100074.

IEEE:1996:EIS

[IEE96b]

IEEE:1996:EIS

[IEE96c]
1996. IEEE catalog number 96TB100062.

IEEE:1996:FSS

[IEE96d]
IEEE:1996:PII


IEEE:1996:PFI


IEEE:1996:PFE


IEEE:1997:APD


REFERENCES

http://www.nsc.liu.se/~boein/ifip/kyoto/workshop-info/proceedings/.


REFERENCES


Satake:2012:OGA


Imamura:2000:ASM


Ishihara:1999:VBS


Islam:2002:IA


Iskra:2000:IDE


Jatala:2017:SSG

REFERENCES

ISSN 1544-3566 (print), 1544-3973 (electronic).

**Jabbarzadeh:1997:PSS**

**Jacoby:1996:ADA**

**Juhasz:1996:PIP**
Z. Juhasz and D. Crookes. A PVM implementation of a portable parallel image processing library. In Bode et al. [BDLS96], pages 188–?. ISSN 3-540-61779-5. LCCN QA76.58.E975 1996.

**Jarzabek:2017:PEU**

**Jin:2008:PEM**

**Jaeger:2015:FGD**
Julien Jaeger, Patrick Carribault, and Marc Pérache. Fine-grain data manage-

Jenkins:2014:PMD


Jeremiassen:1995:RFS


Jeshope:1993:LVRV


Jeshope:1993:MCA


Jann:1995:AMP


Johnson:2012:FOL


Jin:2000:AGO

Haoqiang Jin, Michael Frunkin, and Jerry Yan. Automatic generation of OpenMP directives and its

Jackson:1997:SYE


Jin:2003:AMP


Jin:2011:HPC


Jo:2017:PMA


Jin:2011:HPC


Januszewski:2010:ANS

Jeun:2008:OPB


Jan:2017:ITF


Jog:2013:OCT


Jambunathan:2018:COB


Jost:2005:WMP


Jie:2014:ASP

Julian-Moreno:2017:FPA


Jorba:2001:SFF


Jung:2014:MCM


Jo:2015:ALM


Jones:1996:LLM

Chris R. Jones. Low latency MPI for Meiko CS/2 and ATM clusters. Thesis (m.a.), Department of Computer Science, University of California, Santa Barbara, Santa Barbara, CA, USA, 1996.

Joubert:1994:P

A. Joubert. Parallel algorithms for linear and nonlinear equations derived from networks. In Joubert et al.

[JPTE94]

Jiang:2012:OSP


[JPOJ12]

Juric:1995:UPV


[JPP95]

Joldes:2014:SSH


[JPT14]

Joubert:1994:PCT


[JPTE94]

Jost:2010:EUH


[JR10]

Jimenez:2013:BCA

Judd:1994:PIV


Jin:2013:PCU


Ju:1996:SPT


Jain:1996:IOP


Jin:1995:LTP

Kumar:1995:MWD


Kepner:2004:M


Kumar:2013:GAI


Krawezik:2002:SOV


Krone:1996:ICF


Kapinos:2010:PPP

REFERENCES


Kabir:2002:DIS


Klemm:2009:RTM


Kulkarni:2016:HAP


Knies:1994:SLL


Kitowski:1997:CPM


Kannan:2016:HPP

Ke:2004:RCM


Klemm:2007:JIO


Karamcheti:1994:SOM


Krawezik:2006:PCM


Kacsuk:1997:GDD


Konuru:1994:ULP


Konuru:1994:UPP

R. Konuru, J. Casas, R. Prouty, S. Otto, and
REFERENCES


Kotselidis:2017:HMR


Kanal:2012:MMC


Krotkiewski:2013:ESC


Kang:2018:PRS


Klingebiel:1995:COD


Klingebiel:1995:CPO

Kakimoto:2012:PCG


Klemm:2012:EOV


Komatitsch:2010:HOF


Kepner:2005:PPM


Kale:1996:PMD


Kappiah:2005:JTD


Kramer-Fuhrmann:1994:TGP

O. Kramer-Fuhrmann, L. Schafers, and C. Scheidler. TRAPPER — a graphical programming environment for parallel systems. In Becks and Perret-Gallix [BPG94],
REFERENCES


REFERENCES

[3349 (electronic). LCCN ???? URL http://www.springerlink.com/content/978-3-642-15646-5.]

Kafura:1996:CCC

Kwon:2010:SPC

Karrenberg:2012:IPO

Kramer:2015:SET

Khanna:2013:HPN

Kielmann:1999:MMC
REFERENCES

acm.org/pubs/citations/proceedings/ppopp/301104/p131-kielmann/.

Kallenborn:2019:MPC


Kucukboyaci:2001:PPT


Kjolstad:2012:ADG


Kojima:2017:HLG


Kikuchi:1993:PAS


Kranz:1993:IMP

Kwon:2012:HAO


Kim:2016:DOF


Kemelmakher:1998:SAR


Karniadakis:2002:PSC


Krysztop:2002:IFP

Kronbichler:2019:FMF


Kranzlmueller:2004:RAP


Kranzlmueller:2005:RAP


Kranzlmueller:2003:RAP


Kee:2003:POP

Kwon:2008:RPP

Kim:2011:ASC

Karami:2015:SPA

Konstantinou:2001:TTO

Kobler:2001:DOP
REFERENCES

Karrels:1994:PAM


Kofakis:1995:DPL


Liao:2011:DEM


Kumar:2019:FOP


Liao:2007:CCS


Klawonn:2015:HMO

[KLM+15] Axel Klawonn, Martin Lanser, Oliver Rheinbach, Holger Stengel, and Ger-


cusses GPU floating-point considerations.


REFERENCES


Kermarrec:1996:PDS


Kuckuk:2013:IPD


Klockner:2012:PPS


Kolesnichenko:2016:CBG


Kuhn:2000:OVT


Kamal:2005:SVT

[KPW05] Humaira Kamal, Brad Penoff, and Alan Wagner. SCTP versus TCP for MPI.
REFERENCES

In ACM [ACM05], page 30. ISBN 1-59593-061-2. LCCN ????


Kegel:2013:DTU


Kusano:2001:OOC


Katkere:1995:VBW


Katkere:1996:VWI


Kim:2014:VVF


Kim:2012:OUP

Jungwon Kim, Sangmin Seo, Jun Lee, Jeongho Nah, Gangwon Jo, and Jaejin Lee. OpenCL as a unified programming model for heterogeneous CPU/GPU clusters. *ACM SIGPLAN Notices*, 47
Kusano:2000:PEO


Kotsifakou:2018:HHP


Kurzyniec:2007:UCA


Kranzlmuller:2001:IRM


Keppens:2002:OPM

REFERENCES

Koval:2010:USB


Kang:2019:SAM


Karonis:2003:MGG


Komatitsch:2003:BDF


Kuhn:1998:FFW


Kumar:1994:PPI

V. K. Prasanna Kumar, editor. Parallel processing: 1st IWWP: proceedings of the First International Workshop on Parallel Processing (IWPP-94), December 26–
REFERENCES


Kranzlmüller:1998:DPP


Kolonias:2011:DIE


Krotz-Vogel:1997:PPP


Kamal:2014:IFG


Kamburugamuve:2018:AML


Kamal:2010:EIN


Karwande:2003:CMC

Amit Karwande, Xin Yuan, and David K. Lowenthal. CC–MPI: a compiled communication ca-

**Karwande:2005:MPC**


**Krantz:1996:RFP**


**Lopez:2002:ESM**


**Ladd:2004:GPP**


**Lobeiras:2016:DEI**


**Laguna:2015:DPF**

Ignacio Laguna, Dong H. Ahn, Bronis R. de Supinski, Saurabh Bagchi, and

Laforenza:2001:PHP


Lorentz:2015:AMS


Langdon:2009:FHQ


Loos:1996:MPS


Lavi:1998:IPD

References


REFERENCES

Lewis:1993:PCP


Lauria:1997:MFH


Luecke:1997:HPF


Li:2007:DIV


Luecke:2003:MCT


Liddell:1996:HPC

REFERENCES


Liu:1996:BMP


Lee:2001:APT


Lu:1997:QPD


Liu:2013:DLO


Lorenzon:2019:ASO

References


Lee:2006:PT

Lee:2012:SMO

Levesque:1993:SAA

Lim:2011:ATC
Leon:1992:FP

[102x681]REFERENCES


Lee:1999:PEJ


Liu:2016:MBM

[102x681]REFERENCES


[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681]REFERENCES

[102x681] REFERENCES
Li:2010:SVC


Lassous:2000:HGA


Lopez-Gomez:2019:ESP


Leung:1995:EPE


Leung:1998:PAN


Liao:2007:OOP


Lee:1996:TSF


Liu:2005:EIO


Lin:1994:DNC


Lin:1995:DNC


Li:1996:PSI


Liu:2010:RTC


Li:1997:PIO


[LKJ03] Wen-Yew Liang, Chun-Ta King, and Feipei Lai. Adsmith: an efficient object-based distributed shared memory system on PVM. In Li [Li96]. ISBN 0-8186-

REFERENCES

0302-9743 (print), 1611-3349 (electronic). LCCN QA76.58.1547 1995.


B. C. Loh and G. A. Manson. Incorporating software reuse into the PCSC methodology. In de Gloria et al. [dGJM94], pages 929–941. ISBN ???? LCCN ????.


Losada:2017:ARV


Lopez:2015:PBV


Losada:2014:EAL


Lee:2015:OPE


Louca:2000:MFP


Lima:2012:PEO

REFERENCES

Lu:1996:PIF


Labarta:2001:NOD


Lou:1995:PIN


Landman:2000:PLR


Li:2001:PCS


Lastovetsky:2006:HTM

Alexey Lastovetsky and Ravi Reddy. HeteroMPI: Towards a message-passing library for heterogeneous networks of computers. Jou-
REFERENCES

Le:2006:DMC


Lotfi:2015:AAC


Lee:2014:BCA


Lima:2019:PEA


Luo:2001:PDE


Latham:2007:IMI

Robert Latham, Robert Ross, and Rajeev Thakur. Implementing MPI-IO atomic

Li:2001:WMB


Luckow:2008:MFT


Lin:2010:TLS


Lashgar:2015:CSR


Levesque:2012:HEA


REFERENCES

[Lazzarino:2002:PBP]

[Langr:2014:APP]

[Laohawee:2000:PDT]

[Lazar:1994:SRE]

[Lee:2002:IPC]
REFERENCES

Langr:2016:ASM


Luo:1999:SMV


Lusk:2000:IIC


Lee:2012:EED


Liu:2004:BMI


Li:1995:CPP


Ludwig:1997:OUI

[LW97] T. Ludwig and R. Wisbmueller. OMIS 2.0 — a

**Liu:2004:HPR**


**Liang:2018:FMP**


**Li:1993:MSU**


**Lopes:2019:FBD**


**Loncar:2016:OOM**

Vladimir Loncar, Luis E. Young-S., Srdjan Skrbić, Paulsamy Muruganandam, Sadhan K. Adhikari, and Antun Balaz. OpenMP,

**Lu:2013:WGA**


**Li:2017:PCO**


**Li:2018:COM**

Shigang Li, Yunquan Zhang, and Torsten Hoeffer. Cache-oblivious MPI all-to-all communications based on Morton order. *IEEE Transactions on Parallel and Distributed Systems*, 29(3):542–
Lu:2019:PMM


Ma:2009:CRS


Mavriplis:2005:HRAa


Miguel:1996:APN


Maeis:1994:SSD


Moreno:2001:AEP

Mainland:2012:EHM


Molero-Armenta:2014:OOI


Mirvis:1995:HML


Malyshkin:1995:PCT


Malfetti:2001:AO


Manchek:1994:DIP

REFERENCES

**Mans:1998:PDP**


**Manis:2001:PNP**


**Miguel-Alonso:2009:INS**


**Marowka:2002:ISI**


**Marowka:2003:EOT**


**Marowka:2005:EMT**


**Marowka:2006:BRP**

REFERENCES

Marowka:2007:PCD


Marowka:2009:BCT


Mehta:2006:MSG


Mattson:1994:PEP


Mattson:1995:PEP


Mattson:2000:BOF


Mattson:2000:IO

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal, Volume, Pages</th>
<th>Year</th>
<th>Volume</th>
<th>Pages</th>
<th>CODEN</th>
<th>ISSN</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


[MBE03] Seung-Jai Min, Ayon Basumalik, and Rudolf Eigenmann. Optimizing OpenMP programs on software distributed shared memory systems. *International Journal of Parallel Pro-


[MBS15] Miriam Mehl, Manfred
References


REFERENCES

**Massaioli:2005:OPA**


**McDonald:1996:NNP**


**Mueller:2008:OSM**


**McKinney:1994:PGU**


**Moore:2001:RPA**


**Moreira:2017:FCR**


REFERENCES

McRae:1992:VC

Mierendorff:2000:WMB

Marin:2017:ERF

Monteiro:2018:EGC

Muller:2009:EOA
Matheou:2017:DDC


Megson:1998:CRH


Milovanovic:2008:NEE


Mintchev:1997:TPM


Moody:2003:SNB


Martin:1995:DPC


Mehtha:2015:MTP

Kshitij Mehta and Edgar Gabriel. Multi-threaded par-


REFERENCES

2017. CODEN IJPPE5. ISSN 0885-7458 (print), 1573-7640 (electronic).

**Mazzariol:1997:PCS**


**Markidis:2015:OAN**


**Matthey:2001:EMO**


**Hwu:2012:GCG**


**Moll:2018:PCF**


**Miller:1994:PPP**


**Miller:1994:PPT**

B. P. Miller, J. K. Hollingsworth, and M. D. Callaghan.


[MK94] Luděk Matyska and Jaroslav Koča. D-CICADA: a software for conformational PES elucidation on network of

**McDonald:1997:IPT**


**McDonald:2000:TPA**


**Mohror:2004:PTS**


**Manwade:2017:DFA**


**Maheo:2012:AOL**


**Markus:1996:PEM**


**Min:2001:PCO**

Seung Jai Min, Seon Wook Kim, Michael Voss, Sang Ik Lee, and Rudolf Eigen-


Marendic:2016:NMR


Majumdar:1992:PPC


Mantovani:1995:HPS


Michailidis:2001:TSH


Michailidis:2002:PSL


Michailidis:2003:PEL

Panagiotis D. Michailidis and Konstantinos G. Margaritis. Performance evaluation of load balancing strategies for approximate string matching application on an


REFERENCES

Mudge:1993:PTS


Morimoto:1998:IMM


Mohamed:2013:MMM


Manca:2016:CQI


MacFarlane:1999:PPI

REFERENCES


REFERENCES

Mork:1995:DPP


Manke:1995:MPP


Martin:2004:HPA


MPIForum:1998:SIM


Muller:1996:CDI


Martins:2012:PDC


Meister:2017:PME

Oliver Meister, Kaveh Rahnama, and Michael Bader. Parallel memory-efficient adaptive mesh refinement on structured triangular meshes with billions of grid cells. ACM Transactions on Mathematical Software, 43(3):
REFERENCES


Mo:1996:IOP


Mininni:2011:HMO


Mazzocca:2000:TPP


Morinishi:1995:PIB


McMahon:1996:EEE


Menden:1996:PPP

REFERENCES

Marinho:1998:WMP


Mierendorf:1999:PMB


Migliardi:1999:PEH


Mourao:1999:IMO


Macias:2002:SEA


Mahinthakumar:2002:HMO


Mertens:2004:CCP

REFERENCES


Mysliwiec:1997:IPS


Matise:1995:PCG


Migliardi:2000:SFT


McCandless:1996:OOM


Massetto:2012:NSB


Mattson:2005:PPP


Martorell:2005:BGP


Mossaiby:2017:OIH


Miel:1996:IER


Mallon:2016:MUB


Marin:1994:GAL


Momeni:2015:EEO

Mohr:2007:SPE

Mohr:2006:RAP

Muller:2002:SMB

Muller:2003:OCB

Malakar:2017:DMO
Preeti Malakar and Venkatram Vishwanath. Data movement optimizations for

Notes in Computer Science,

Manis:1996:EPT


Muller:2010:SMA


Mehra:1995:AIM


McKinney:1993:MMI


Mamontov:1998:AES


Manegold:1997:QBM

REFERENCES


[NAGJ99] C. Nicolescu, B. Albers, and

[NAGJ99] C. Nicolescu, B. Albers, and


[NB96] C. NicCanna and C. J. Bean. Larger grids and shorter wall-clock times on a parallel virtual machine
(PVM) — an example using a finite difference wave simulation algorithm. In Abrahart [Abr96], pages 2–?? ISBN ???. LCCN ???.

Nickolls:2008:SPP


Neyman:1999:ERP


Nguyen:2012:BTM


Nobari:2012:SPM


Neophytou:1998:NDJ

REFERENCES


REFERENCES


Nunez:2010:NTS


Nguyen:2008:GG


Nguyen:1995:SPI


Norden:2002:OVM


Norden:2006:OVM


Nakano:2002:SCG

Hirofumi Nakano, Kazuhisa Ishizaka, Motoki Obata, Keiji Kimura, and Hironori Kasahara. Static coarse grain task scheduling with cache optimiza-
REFERENCES


REFERENCES

[Nadeau:1995:SVR]

[Novotny:1995:BRA]

[Nomura:2014:PAM]

[Nanayakkara:1993:PIR]

[Nupairoj:1995:PES]

[Nishitani:2000:IEO]


REFERENCES


REFERENCES

Notz:2012:GBS


Nagaraj:1991:MHL


Naumenko:2016:ACT


Nascimento:2007:DDS


Nadal-Serrano:2016:PSC


Nukada:2012:SMG


[NZZ94] S. T. Nguyen, B. J. Zook, and Xiaodong Zhang. Distributed computation of electromagnetic scattering problems using finite-

Omar:2017:PSF


Oberhuber:1996:MNP


Orr:2015:SUR


Okulicka-Dluzewska:2001:PFE


Olivier:2012:CMW


Oed:1993:CRM

Ong:2000:PCL

Owaida:2015:EDS

Otten:2016:MOI

Otero:2019:OAA

Ortega:2019:CAC

Okitsu:2010:HPC
Yusuke Okitsu, Fumihiko Ino, and Kenichi Hagiwara. High-performance

**Ohara:2006:MMP**


**Oh:2012:MOO**


**Oakley:1995:ADR**


**Orlando:2005:PSP**


**Oldehoeft:2002:SIS**

REFERENCES

ISSN 0920-8542 (print), 1573-0484 (electronic).


[Ols95] Luke Olszewski. A timing comparison of the con-
REFERENCES


ODowd:2006:WGM


Orlando:2000:MDT


Olivier:2012:OTS


Oliveira:2012:CCO


Overeinder:1997:BCD


Ostrand:1994:PIS

REFERENCES


REFERENCES

6. LCCN QA 76.58 I56 1995. 
IEEE catalog no. 95TH8052.


REFERENCES


J. Puthukattukaran, S. Chalasani, and P. Senapathy.

References


Pernice:1997:BRM


Pereira:1999:PBI


Papagapiou:1999:NWD


Petcu:1997:ISM


Petcu:2000:PDAa


Petcu:2000:PDAb


Petcu:2001:WMM

uni-linz.ac.at/software/
ps.gz.

**Pharr:2005:GGP**
public/katalog/420569.PDF; http://www.loc.gov/catdir/toc/ecip055/
2004030181.html.

**Piernas:1997:APM**

**Pjesivac-Grbovic:2007:PAM**

**Pjesivac-Grbovic:2007:MCA**

**Pjesivac-Grbovic:2005:PAM**

**Prabhakar:2002:PCB**
link/service/series/0558/bibs/2327/23270413.htm;
Peng:2018:CDC


Pessoa:2018:GAB


Poirier:2018:DAB


Pervez:2010:FMA


Papakonstantinou:2013:ECC


Pan:2010:CPS

Heidi Pan, Benjamin Hindman, and Krste Asanović. Composing parallel software efficiently with Lithe. ACM SIGPLAN Notices,


Philip M. Papadopoulos, Mason J. Katz, and Greg Bruno. NPACI rocks clusters: Tools for easily deploy-

Paul:2006:TLF


PKB06

Prabhakar:2016:GCH


PKB+16

Plank:1995:ADC


Plank:1995:ADC

Preissl:2010:OCC


Prebhakar:2016:GCH

Periyathamby:1995:NSG


Periyathamby:1995:NSG

Pruyne:1996:ICP

REFERENCES

FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


Park:2004:DID


Piriyakumar:2002:EFI


Pfenning:1995:OCP


Piscaglia:1995:DOC


Poulson:2013:ENF

Jack Poulson, Bryan Marker, Robert A. van de Geijn, Jeff R. Hammond, and


So-Hee Park, Mi-Young Park, and Yong-Kee Jun. A


Pierce:1994:PSH


Pozo:1994:FTE


Priimak:2014:FDN


Pena:2014:CEC


Prades:2016:CAX


Pedroso:2000:MPC

[PS00a] Hernâni Pedroso and João Gabriel Silva. MPI-2 process creation & management imple-

**Protopopov:2000:SMC**


**Pedroso:2001:WLE**


**Protopopov:2001:MMP**


**Pandey:2007:SCM**


Robert Preissl, Martin Schulz, Dieter Kranzlmüller, Bronis R. de Supinski, and Daniel J. Quinlan. Transforming MPI source code based on communication

**Prieto:1999:PRM**


**Peng:2014:BAH**


**Plunkett:2001:AMD**


**Pikle:2019:AFE**


**Payrits:2000:UPC**


REFERENCES

Pierro:2018:SFP


Phan-Thien:1994:CDL


Prylli:1999:DHP


Puskas:1995:LBW


Peinado:1997:HPC


Park:2001:PPE


Pahl:1995:CCB

References

Preissl:2012:CSS

Pang:2016:MKR

Pirkelbauer:2019:BTF

Prasad:1995:PPB

Perla:2012:PAH

Phillips:2002:NBS
Qiu:2012:PWM


Qawasmeh:2017:PPR


Quo:2000:PNN


Qaddouri:1995:MFS


Qaddouri:1996:CPC


Qu:1995:FAS


Quinn:2003:PPC


[Russell:1992:CMW]

[Rashti:2009:SAM]

[Rabenseifner:1998:MG1]

[Rabenseifner:1999:APM]

[Ragg:1996:PEN]
T. Ragg. Parallelization of an evolutionary neural network optimizer based on PVM. In Bode et al. [BDLS96], pages 351–?? ISBN 3-540-61779-5. ISSN 0302-9743 (print), 1611-


REFERENCES

Reinhard:1997:MHP


Reimann:1996:CBT


Ross:1995:DCM


Royuela:2012:ASO


Radhakrishna:1999:MBP


Reeves:1996:PIC


Reinefeld:2001:CDI


[RGDM16]


[RGD97]


[RGD13]


[RGDML16]


[RGGP+18]

Ralf Reussner and Gunnar Hunzelmann. Achiev-
REFERENCES

ing performance portability with SKaMPI for high-performance MPI programs. [RJC95]


Roda:1996:PEI


Rizzardi:2017:ATS


Robinson:1993:ECD


Rabenseifner:2001:ECF

Rolf Rabenseifner and Alice E. Koniges. Effective communication and file-

**Ragan-Kelley:2013:HLC**  

**Reyes:2013:PEO**  

**Rungsawang:2001:LCP**  

**Rubio-Largo:2012:UUMO**  

**Roe:1999:PMI**  
Kevin Roe and Piyush Mehrotra. Parallelization of a multigrid incompressible viscous cavity flow solver us-

**Rietmann:2012:FAS**


**Ramesh:2018:MPE**


**Rodrigues:2013:POM**


**Rolhe:2000:PPS**


**Rolfe:1994:PAP**


**Rolfe:2008:POF**


Rabaea:2000:EPM


Rageb:2001:CEM


Rauber:2002:LSH


Roda:1997:PPI


Roig:2001:EMM


Robinson:1996:TMI

REFERENCES

Russ:1999:UHR


Rabenseifner:1993:CDR


Reinefeld:1995:PVE


Roy:1997:PNT


Reano:2019:SIN


Rambu:1995:DSS


Reano:2015:IUE

Carlos Reaño, Federico Silla, Adrián Castelló, Antonio J. Peña, Rafael Mayo, Enrique S. Quintana-Ortí, and José Duato. Improving the user experience of the


Reussner:2000:BMD


Rungsawang:1999:PDT


Ryczew:2007:IBS


Riebler:2018:ACA


Riebler:2019:TAH


Ropo:2009:RAP


**Simonsen:1993:DMD**


**Saarinen:1994:EES**


**Sainio:2010:CGA**


**Sato:2017:NIT**


**Saphir:1997:SMI**


**Soldado:2016:ECM**

REFERENCES


REFERENCES


Schindewolf:2012:WSA

Sani:2014:PDF

Smith:2004:SIP

Saltz:1991:MRT

Stubbs:1995:ICE

Smith:1996:UWC

Smith:1995:CRC
Steed:1996:PPP

Sievert:2004:SMP

Shterenlikht:2019:MVF

Saillard:2014:PCS

Saillard:2015:SDV

Stagg:1995:IPN

Shyu:1996:ILQ

Schill:1993:DOD


Schneeman:1994:DSS


Schuele:1996:PLA


Schuele:1999:HAP


Schevtschenko:2001:PAS


REFERENCES

LCCN ???? Proceedings available via anonymous ftp from ftp.scri.fsu.edu in directory pub/parallel-workshop.92.

Shi:2012:VGA


Szeberenyi:1999:SGB


SM-D:2013:BRC


Sorensen:2016:EER


Skjellum:1994:WLM


Sorensen:2016:PIW


Schmitt:2017:SCP

Felix Schmitt, Robert Dietrich, and Guido Juckeland. Scalable critical-path analysis and optimization guidance for hybrid MPI–CUDA applications. *The International Journal of High Per-


[SdN99] Steve Sistare, Erica Dorenkamp, and Nick Nevin. MPI support in the Prism programming environment. In ACM [ACM99], page ??


Schenck:2016:EPM


Segovia:2010:PPN


Seifert:1999:ESI


Sept:1993:DIP


Serot:1997:EPF


Sevenich:1998:PPU


Scott:1998:PWN

REFERENCES


REFERENCES

Steuwer:2014:SHL


Sack:2015:CAM


Sunderam:1994:PCC


Schneider:2012:MAC


Solsona:2001:IEI


Saito:2003:LSP

[SGJ03] Hideki Saito, Greg Gaertner, Wesley Jones, Rudolf Eigenmann, Hidetoshi Iwashita, Ron Lieberman, Matthijs van Waveren, and Brian Whitney. Large system per-

**Solsona:2000:MCM**


**Scherer:2000:APO**


**Sekharan:1995:LBM**


**Stone:2010:OPP**

Schmidt:1994:IAP


Sitsky:1996:MLW


Song:2014:DAT


Shen:1995:PSM


Sloot:1994:CIO


Sloot:1994:CIP


Sojka:2018:IEM

REFERENCES


REFERENCES


REFERENCES


Satoh:2001:COT


Sall:1994:CIS


Scales:1994:DES


Swanson:1995:PAP


Shyu:2000:APV


Skjellum:1995:EAM

Anthony Skjellum, Ewing Lusk, and William Gropp. Early applications in the

**Scherer:1999:TAP**


**Samadi:2014:SPS**


**Su:2012:CPB**


**Sloan:2005:HPL**


**Squyres:1996:CBP**


**Shires:2002:EHM**

D. Shires and R. Mohan. An evaluation of HPF and

**Shires:2003:OPF**


**Simos:2007:CMS**


**Santos:2012:ICC**


**Siegel:2008:CSE**


**Shterenlikht:2015:FC**

REFERENCES

2015. CODEN ???? ISSN 1061-7264 (print), 1931-1311 (electronic).

Smith:1993:MBA

Smith:1993:DSI

Schardl:2017:TEF

Silva:2000:HPC


Smohacki:1993:DCW

Sandes:2016:MMA
Edans F. De O. Sandes, Guillermo Miranda, Xavier Martorell, Eduard Ayguade, George Teodoro, and Alba

[SMM+16] Edans F. De O. Sandes, Guillermo Miranda, Xavier Martorell, Eduard Ayguade, George Teodoro, and Alba
REFERENCES

Su:2006:APP


Sitsky:1996:IMU


Sunderam:2001:CAP


Snir:2018:FMT


Suciu:2010:PIN


Shekofteh:2019:MSG

S.-Kazem Shekofteh, Hamid Noori, Mahmoud Naghibzadeh, Hadi Sadoghi Yazdi, and Holger Fröning. Metric selection for GPU kernel classification. ACM Transactions on...
REFERENCES

Sintorn:2011:EAF

Snir:1996:MCR

Snir:1998:MCR

SousaPinto:2001:PEI

Sidonio:1999:PBI

Stpiczynski:2011:SKB
Przemysław Stpiczyński and Joanna Potiopa. Solving a kind of boundary-value problem for ordinary differential equations using Fermi — the next gen-

Singh:2017:EER


Satofuka:1995:PCF


Speck:2019:APP


Shaw:1995:ADA


Skjellum:1996:TTM


Si:2018:DAA

Min Si, Antonio J. Pena, Jeff Hammond, Pavan Balaji, Masamichi Takagi, and Yutaka Ishikawa. Dynamic adaptable asynchronous progress...


REFERENCES

LAM/MPI (citation only).

*ACM SIGPLAN Notices*, page ??, 2003. CODEN SINODQ, ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


[Sivaraman:1996:AAD]


[Szalay:2011:FCD]


[Szymanski:1996:LCR]


[Spek:2012:MST]


[Sultana:2019:FRB]


[Schmidt:1994:EA]


[Szymanski:1996:LCR]
REFERENCES


[RSSC97] Sotomayor:2017:ACG


[SSD+17] Sotomayor:2017:ACG


REFERENCES


Stellner:1995:CMC


Sosa:2000:IQC


Sala:2008:PHP


Schafer:1995:TGP


Squyres:1997:DEM


Shi:2010:PAE


R. Stephens. Parallel benchmarks on the Transtech Pyramid supercomputer. In de Gloria et al. [dGJM94], pages 136–146. ISBN ???. LCCN ???.

Sterling:2000:SCB


Still:1994:PPC


Schmitz:2008:IIG


Sunderam:1997:TAS


Stockinger:1998:VPC


Stpiczynski:2002:PPO


Stpiczynski:2018:LBV

Przemyslaw Stpicziński. Language-based vectorization and parallelization using intrinsics, OpenMP, TBB and Cilk Plus. *The
Sala:2019:IBN

Strok:1994:NJI

Strietzel:1996:PTS

Strietzel:1997:PTS

Strzodka:2012:DLO


REFERENCES

Sunderam:1993:PCC

Sunderam:1994:GPP

Sunderam:1994:MSH

Sunderam:1995:RIH

Sunderam:1996:PSS

Suresh:1995:IOP

Suresh:1995:PIQ

Suttner:1996:SPB

Smelyanskiy:2011:HPL

Steve Sistare, Rolf vande-Vaart, and Eugene Loh. Optimization of MPI collectives on clusters of large-scale SMPs. In ACM [ACM99], page ??


Sitsky:1995:IPM


Skjellum:2001:OOA


Shee:1994:DMA


Shan:2012:PEH


Sotiriou-Xanthopoulos:2018:OBV


Stathopoulos:1995:DLB

A. Stathopoulos and A. Ynnerman. Dynamic load balancing of atomic structure programs on a PVM cluster. In Hertzberger and Ser-


ing. MPI implementation of
Phoenix: a general purpose
computational fluid dynam-
ics code. In Tentner [Ten95],
pages 122–127. ISBN 1-
56555-078-1. LCCN ???

Simunovic:1995:MIP

[SZBS95b] S. Simunovic, T. Zacharia,
N. Baltas, and D. B. Spald-
ing. MPI implementation
of PHOENICS: a general
purpose computational fluid
dynamics code. In Tent-
ner [Ten95], pages 122–127.
ISBN 1-56555-078-1. LCCN ???

Thompson:2014:CIC

[TA14] Elizabeth A. Thompson and
Timothy R. Anderson. A
CUDA implementation of
the Continuous Space Lan-
guage Model. The Journal
of Supercomputing, 68(1):
65–86, April 2014. CODEN
JOSUED. ISSN 0920-8542
(print), 1573-0484 (elec-
springer.com/article/10.
1007/s11227-013-0665-x.

Takeda:2001:AME

[TAH+01] K. Takeda, N. K. Allsopp,
J. C. Hardwick, P. C. Macey,
D. A. Nicole, S. J. Cox, and
D. J. Lancaster. An as-
essment of MPI environ-
ments for Windows NT. The
Journal of Supercomputing,
CODEN JOSUED. ISSN
0920-8542 (print), 1573-0484
(electronic). URL http://
www.wkap.nl/oasis.htm/
338207.

Traf:2014:SPE

[TBB12] Jesper Larsson Träff and
Siegfried Benkner. Selected
papers from EuroMPI 2012.
Computing, 96(4):259–261,
April 2014. CODEN
CMPTA2. ISSN 0010-485X
(print), 1436-5057 (elec-
springer.com/article/10.
1007/s00607-013-0335-z.

Tao:2012:UGA

[TB14] Jian Tao, Marek Blazewicz,
and Steven R. Brandt. Using
GPU’s to accelerate stencil-
based computation kernels
for the development of large
scale scientific applications
on heterogeneous systems.
ACM SIGPLAN Notices,
CODEN SINODQ. ISSN
0362-1340 (print), 1523-2867
(print), 1558-1160 (elec-
tronic). PPOPP ’12 confer-
ence proceedings.

Touhaï:1996:DPC

[TBD96] A. Touhafi, W. Brissinck,
and E. F. Dirkx. Devel-
opment of PVM code for a
low latency switch based in-
terconnect. In Bode et al.
[BDLS96], pages 229–??
ISBN 3-540-61779-5. ISSN
0302-9743 (print), 1611-
3349 (electronic). LCCN
QA76.58.E975 1996.
Traf:2012:RAM


Tahan:2012:ITC


Thomas:1994:PSA


Tzannes:2010:LBS


Tagliavini:2018:UFG

Giuseppe Tagliavini, Daniele Cesarini, and Andrea Marongiu. Unleashing fine-grained parallelism on embedded many-core accelerators with lightweight OpenMP tasking. IEEE Transactions on Parallel and

Tian:2002:IOC


Tagliavini:2018:UFG

Giuseppe Tagliavini, Daniele Cesarini, and Andrea Marongiu. Unleashing fine-grained parallelism on embedded many-core accelerators with lightweight OpenMP tasking. IEEE Transactions on Parallel and


[REFERENCES]


[Thompson:2015:PCI]

[Tourino:1998:PBL]

[Tourino:1999:MMC]

[Thiruvathukal:2000:JNW]

[TDB00]
[TD98]
[TD99]
[TDBEE11]
[TD99]
REFERENCES


[TDGF13]

[Ten95]

[TFGM02]
Hong-Linh Truong, Thomas Fahringer, Michael Geissler, and Georg Madsen. Performance analysis for MPI applications with SCALEA.

[Tu2012:PAO]

[TG94]
Thakur:2009:TSE


Tian:2005:PCT


Tuncer:2009:PCF


Tian:2019:GAB


Thakur:2002:ONA

Thakur:2005:OSO


Trafj:2010:SCM


Thakur:1998:CUM

Rajeev S. Thakur. A case for using MPI’s derived datatypes to improve I/O performance. In ACM [ACM98b], page ??

Teijeiro:2019:OPS


Tian:2005:CEN


Treftz:1994:DPE

C. Trefftz, C. C. Huang, P. K. McKinley, T. Y. Li, and Z. Zeng. Design and performance evaluation of a
REFERENCES


**Tran:2000:PPM**


**Thomsen:1994:RTS**


**Throop:1999:SOS**


**Traeff:1999:FFE**


**Takizawa:2015:ODT**

REFERENCES


REFERENCES


REFERENCES

Toussaint:1996:AES


Tourancheau:2000:HSN


Thebault:2015:SEI


Tong:2018:FCM


Tinetti:2001:HNW

REFERENCES

0558/papers/2131/21310296.pdf.


**[TSB02]**


**[TS12a]**


**[TSB03]**


**[Thibault:2012:AIF]**


**[TS12b]**
REFERENCES


[Tsu95] H. Tsunekawa. Effective implementation of EDEM workstation cluster using PVM. In Pahl and Werner
REFERENCES


[TTV96]


[TTSY00]


[TWV96]


[TW01]


[TVCB18]

REFERENCES


REFERENCES


REFERENCES

USENIX:1995:PUT


USENIX:2000:PAL


Uehara:2002:MBP


VanKatwijk:1995:AAC


vandeGeijn:1997:UPP


Uehara:2002:MBP


vanderPas:1993:PIG


VanKatwijk:1995:AAC


**Vlassov:1995:MEP**


**Vazquez:1999:PNS**


**Villaverde:2018:PTI**


**VanZee:2008:SPF**


**Vapirev:2015:IRC**


**vanderLaan:2011:AWL**

REFERENCES

ITDSEO. ISSN 1045-9219 (print), 1558-2183 (electronic).


[Vikas:2014:MGA] Vikas, Nasser Giacaman,

**vonHanxleden:1994:VDF**


**Viswanathan:1995:PCM**


**Valero-Lara:2018:CCC**


**Valencia:2008:PPR**


**Valero-Lara:2019:MTS**

REFERENCES

Varadarajan:1994:FDT


Vincent:1995:HPP


Vogel:2013:BWC


Volkert:1993:PCS


Voss:2003:OSM


VidalMacia:2000:IPM

[VP00] Antonio Vidal Maciá and José Luis Pérez Gómez. Introducción a la programación en MPI. (Spanish)
REFERENCES


[VSRC94] P. L. Vaughan, A. Skjellum, D. S. Reese, and Fei-
REFERENCES


Jeffrey S. Vetter and Andy Yoo. An empirical perfor-

Verschelde:2015:PHC


Vasilache:2019:NAL


Wong:1999:BMM


Walker:1994:DSM


Walker:1994:EDS


Walker:1995:MVB

D. W. Walker. An MPI version of the BLACS. In


REFERENCES


REFERENCES

Wolf:1997:CMP

Wickerson:2017:ACM

Walters:2009:RBF

Wang:2015:AST

Wang:2012:OVT

Wu:1999:JBD


P. Wark and J. Holt. PVM implementation of a repeated matching heuristic for vehicle routing. In Arnold et al. [ACDR94], pages 207–216 (or 207–214??). ISBN 90-5199-149-5. LCCN ????.


R. White. VCMON — the VM/ESA Connectivity Monitor. In Anonymous [Ano94g], pages 783–792. ISBN ???? LCCN ????.


Timothy James Wilkinson. Implementing Fault Tolerance in a 64-bit Distributed
References


Wilhelms:1994:DAL


Wismueller:1996:SBV


Wismueller:1998:LMS


Wismueller:2001:UMT


Witchel:2016:PPW

0163-5980 (print), 1943-586X (electronic).

Wei:2012:OLL

Wang:2019:MEM

Wu:2014:OFB

Wegiel:2008:MCVb

Wegiel:2008:MCVc

Wittenbrink:2011:FGG
REFERENCES

Wagner:1996:GSG


Lehman:1994:IZP

[Li wei Lehman. Integrating zipcode and PVM: towards a higher-level message-passing environment. Technical report MSSU-EIRS-ERC 94-2, Engineering Research Center for Computational Field Simulation, Mississippi State University, Starkville, MS, USA, 1994. 7 pp.]

Wismueller:1996:TSI

[R. Wismueller and T. Ludwig. The tool-set — an integrated tool environment for PVM. Lecture Notes in Computer Science, ?? (1067):1029–??, ???. 1996. CODEN LNCS9D. ISSN 0302-9743 (print), 1611-3349 (electronic).]

Wismueller:1996:TSI


Wu:2007:IFR


Wolfe:2018:ODM


Weatherly:2003:DMS

REFERENCES


**Weatherly:2006:DMS**


**Willcock:2005:UMC**


**Wu:2012:UHM**


**Wolf:2001:APA**


**Wolfe:2018:MLS**


**Wende:2019:OVT**

[WMK+19] Florian Wende, Martijn Marsman, Jeongnim Kim,

Wu:2014:MAG


Winkler:2017:GSM


Wendykier:2010:PCH


Walk:er:1995:RBD


Walk:er:1996:RBC


Winstanley:1997:PDP

Wang:2009:MPM


Wolbers:1992:SPP


Worley:1996:MPE


Weng:2007:OIS


Wagner:1994:CFD


Wang:1995:PPG


Wu:2001:PCS

Worsch:2002:BCM


Winkler:2019:GSM


Wang:2016:LLA


Wisniewski:1999:SME

Len Wisniewski, Brad Smislof, and Nils Nieuwejaar. Sun MPI I/O: Efficient I/O for parallel applications. In ACM [ACM99], page ??.

West:1995:AVV


Wu:2011:PCH

 REFERENCES

0163-5999 (print), 1557-9484 (electronic).


[Wu:2012:PCH] P.-Y. Wu. Minimum communication cost fractal im-


[Wu:1999:MCC] P.-Y. Wu. Minimum communication cost fractal im-


Wang:2008:PIM


Xu:1995:IPP


Xu:1996:MCO


Xue:2009:MSR


Xiong:1996:BID


Xu:2013:PMO


Yelon:1993:PTS

REFERENCES


Yazdanpanah:2015:PHR


Yan:1994:PTA


Yang:2014:PMI


Ying:2003:NPK


Yalamanchilli:1998:CPJ


Yviquel:2018:CPU

Hervé Yviquel, Lauro Cruz, and Guido Araujo. Clus-
ter programming using the OpenMP accelerator model.


REFERENCES


Yang:2016:HTM


Yan:2013:SFS


Yalamov:1997:BRT


Yilmaz:2011:RMS


Yi:1994:PID


Yilmaz:2009:HPC

E. Yilmaz, R. U. Payli, H. U. Akay, and A. Ecer. Hybrid parallelism for CFD simulations: Combining MPI with OpenMP. In Tuncer et al. [TGEM09], pages 401–408.
Parallel CFD 2007 was held in Antalya, Turkey, from May 21 to 24, 2007.

You:1995:EIM


Young:1993:PEN


Yu:2005:HPB


Young-S:2017:OGI


You:2012:PCS


**Yang:2011:PBP**


**Younge:2015:SHP**


**Yonezawa:1995:IED**


**You:2015:VFO**


**Yong:1995:SOM**


**Yu:2012:SCC**

REFERENCES

ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). LCTES ’12 proceedings.

Yang:2014:CNR


You:1995:PIM


Zounmevo:2014:FRC


Zaza:2016:CBP


Zahavi:2012:FTR


Zhong:2007:PPS

REFERENCES


Zhao:2010:GMP
Zhao:2012:CDS
Zdetsis:1994:PMD
Zilli:1997:TBN
Zhu:2012:CDS
Zhang:1997:DED
Zhang:2001:PPV
ZDR01
ZDR12
ZC10
ZD97

Zhang:2004:PMV

Zelek:1995:DPP

Zemla:1994:WTC

Zhou:1995:FMP

Zhou:1995:RMR

Zhou:1996:FMP

Zhou:1998:LST
Zielinski:1994:PPS


Zu:1994:OSM


Zheng:2006:PEA


Zoraja:1999:SPD


Zhang:2018:IRP


Zounmevo:2014:ESC

Judicael A. Zounmevo, Dries Kimpe, Robert Ross, and Ahmad Afsahi. Extreme-scale computing services over MPI: Experiences, ob-

Zaky:1996:PDT


Zha:2017:IFM


Zha:2018:LSM


Zaki:1999:TSP


Zhou:2012:DFD

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Year</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Digital Object Identifier (DOI)</th>
<th>ISSN</th>
<th>LCCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zhu, Kenli Li, Ahmad Salah, Lin Shi, and Keqin Li</td>
<td>2015</td>
<td>Parallel implementation of MAFFT on CUDA-enabled graphics hardware</td>
<td>IEEE/ACM Transactions on Computational Biology and Bioinformatics</td>
<td>12(1)</td>
<td>205-218</td>
<td>January 2015</td>
<td>10.1109/TCBB.2014.2354341</td>
<td>1545-5963 (print), 1557-9964 (electronic)</td>
<td></td>
</tr>
<tr>
<td>Zhai, Mingliang Liu, Jidong Zhai, Xiaosong Ma, and Wenguang Chen</td>
<td>2011</td>
<td>Cloud versus in-house cluster: evaluating Amazon cluster compute instances for running MPI applications</td>
<td>ACM SIGPLAN Notices</td>
<td>46(8)</td>
<td>135-146</td>
<td>August 2011</td>
<td>10.1145/1931518.1931534</td>
<td>0362-1340 (print), 1523-2867</td>
<td></td>
</tr>
<tr>
<td>J. A. Zollweg</td>
<td>1993</td>
<td>Overview of PVM</td>
<td>Anonymous</td>
<td>981-986</td>
<td></td>
<td></td>
<td>0254-6213</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. Zambonelli, M. Pugassi, L. Leonardi, and N. Scarabottolo</td>
<td>1996</td>
<td>Experiences on porting a Parallel Objects environment from a transputer network to a PVM-based system</td>
<td>IEEE</td>
<td>0-8186-7376-1</td>
<td></td>
<td></td>
<td>QA76.58 .E97 1996.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Zhao:2012:ASO

Zarrabi:2015:GSA

Zoltani:2001:EPO

Zouaoui:2017:CNG

Zaitsev:2019:SLD

Zareski:1995:EPG


